

**Marion County
Courthouse Square Remediation Project
Full Building Survey Services**



May 4, 2010

**David Evans and Associates, Inc.
530 Center Street NE, Suite 650
Salem, OR 97301**

Project Manager: Jon Broadwater P.L.S

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Project overview

Marion County Facilities employed DEA to monitor the potential movement of the Courthouse square building in Salem, Oregon. DEA utilized a variety of survey techniques ranging from traversing and digital leveling, to terrestrial laser scanning. The goal of the project was to monument the structure, then measure said locations to document the possible deflections in the post tensioned slab floors and other structural elements of the building. DEA set approximately 1000 semi permanent monuments at pre determined grid line locations in the parking garage and five floors of the building. The bottom of the roof slab was measured by transferring the fifth floor elevations to the bottom of the roof slab. Temporary Bench Marks (TBM) were set in both stair wells at each floor to facilitate future measurements and to provide a redundancy check. DEA completed the work over a two week period beginning on 4-19-2010 and delivering the final report on 5-4-2010. The project required both a high level of accuracy and repeatability. To facilitate these needs DEA, through sound surveying practice, created the following control environment to base this project on.

Project Datum Statement

The horizontal datum held for this project is based on local coordinates. The basis of bearing held was the centerline of Court Street being S70-30-00E per the City of Salem plat. Vertical measurements were based off of closed digital level loops originating and closing to City of Salem benchmark 1155 located at the SW corner of Liberty and Center Street and having a NGVD 29/47 value of 153.40 ft. the following is the City of Salem bench mark data:

Name	1155
Status	
X Coord	0
Y Coord	0
Z Coord	0
Convergence	
Elevation	153.4
Type	
Section	
County	MARION
Marker	ALUM DISK
Description	SE CORNER LIBERTY & CENTER ST, TOP OF CURB IN RADIUS, 3' SW OF A CATCHBASIN

Horizontal Control Least Square Adjustment report:

File: Marn0043
Projection: Local grid
File Date: Wednesday, April 28, 2010

Units

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Angle: Degrees Minutes Seconds
Distance: International Feet

Earth constants

Refracton constant: 0.070
 Earth's radius: 6378000.000

Combined scale factor: 1.000000

Fixed Coordinates

Point ID	North	East
11	5000.000	10000.000
12	4903.643	10272.103

Adjusted Coordinates

Point ID	North	East
13	5068.600	10457.549
10	5249.848	9971.833

Observations

Directions

At	To	Direction	+/-SD	Residual	Orientation	Grid Az.
12	11	0°00'00"	0°00'02"	-0°00'01"	289°30'01"	289°30'00"
12	13	118°50'45"	0°00'02"	0°00'01"		48°20'47"
13	12	0°00'00"	0°00'02"	-0°00'01"	228°20'48"	228°20'47"
13	10	62°07'00"	0°00'02"	0°00'01"		290°27'48"
10	13	0°00'00"	0°00'02"	-0°00'03"	110°27'51"	110°27'48"
10	11	63°06'11"	0°00'02"	0°00'03"		173°34'04"
11	10	0°00'00"	0°00'02"	-0°00'02"	353°34'07"	353°34'04"
11	12	115°55'51"	0°00'02"	0°00'02"		109°30'00"

Distances

At	To	Distance	+/-SD	Residual	Grid	L.S.F.
12	11	288.662	0.005	-0.002	288.660	1.00000000
12	13	248.196	0.005	-0.000	248.195	1.00000000
13	12	248.198	0.005	-0.002	248.195	1.00000000
13	10	518.431	0.005	-0.000	518.431	1.00000000
10	13	518.430	0.005	0.000	518.431	1.00000000
10	11	251.425	0.005	0.006	251.430	1.00000000
11	10	251.433	0.005	-0.003	251.430	1.00000000
11	12	288.656	0.005	0.004	288.660	1.00000000

Statistics

Degrees of Freedom: 6
 Fixed Coordinates: 2
 Floating Coordinates: 2
 Observations: 14
 Directions: 8
 Orientation: 4

Distances: 6

Number of Iterations: 2

Error Analysis

Variance Factor: 1.10

Point ID	Adjusted Coordinates		+/- 95% Confidence Limits		Error Ellipse		
	North	East	North	East	Semi Major	Semi Minor	Orientation
13	5068.600	10457.549	0.009	0.007	0.009	0.007	3°36'02"
10	5249.848	9971.833	0.009	0.008	0.009	0.007	38°27'56"

Digital level reports for primary control:

Point Id	Epoch	Height [fti]	Corr [fti]	Delta Hgt. [fti]	Point Class	Sd. Hgt. [fti]
BM-2A	04/27/2010 13:03:02	153.4003	-	-	Control	-
TP1	04/27/2010 13:03:06	152.7485	0.0002	-0.6518	Measured	0.0010
TP2	04/27/2010 13:03:10	153.6718	0.0005	0.9233	Measured	0.0014
10	04/27/2010 13:03:14	153.5949	0.0006	-0.0769	Measured	0.0010
11	04/27/2010 13:03:18	153.4431	-0.0002	-0.1518	Measured	-
12	04/27/2010 13:03:22	152.1743	0.0000	-1.2688	Measured	-
13	04/27/2010 13:03:26	151.6795	0.0001	-0.4948	Measured	0.0020
TP3	04/27/2010 13:03:30	153.4548	0.0005	1.7753	Measured	0.0010
TP4	04/27/2010 13:03:34	153.4221	0.0018	-0.0327	Measured	0.0010
BM-2A	04/27/2010 13:03:38	153.4003	-	-0.0218	Control	-

Digital level reports for TBM building control:

Point Id	Epoch	Height [fti]	Corr [fti]	Delta Hgt. [fti]	Point Class	Sd. Hgt. [fti]
13	04/27/2010 13:03:41	151.6793	-	-	Control	-
TP1	04/27/2010 13:03:45	148.6879	-0.0004	-2.9914	Measured	-
TP2	04/27/2010 13:03:49	143.4218	-0.0005	-5.2662	Measured	-
BM-GA	04/27/2010 13:03:53	143.1726	0.0003	-0.2491	Measured	-
TP3	04/27/2010 13:03:57	147.9746	0.0003	4.8020	Measured	-
BM-1A	04/27/2010 13:04:01	153.4625	0.0002	5.4880	Measured	0.0010
TP4	04/27/2010 13:04:05	155.4185	0.0002	1.9560	Measured	-
TP5	04/27/2010 13:04:09	163.4125	0.0011	7.9940	Measured	-
BM-2A	04/27/2010 13:04:13	169.4814	0.0011	6.0690	Measured	-
TP5	04/27/2010 13:04:17	171.9454	0.0021	2.4640	Measured	-
TP6	04/27/2010 13:04:21	178.2094	0.0010	6.2640	Measured	-
BM-3A	04/27/2010 13:04:25	181.9773	0.0010	3.7680	Measured	-
TP8	04/27/2010 13:04:29	183.8793	0.0009	1.9020	Measured	-
TP9	04/27/2010 13:04:33	190.7143	0.0009	6.8350	Measured	-
BM-4A	04/27/2010 13:04:37	194.4912	-0.0002	3.7770	Measured	-
TP10	04/27/2010 13:04:41	196.3902	-0.0002	1.8990	Measured	-
TP11	04/27/2010 13:04:45	202.6312	-0.0002	6.2410	Measured	-
BM-5A	04/27/2010 13:04:49	206.9771	-0.0013	4.3460	Measured	0.0010
TP12	04/27/2010 13:04:53	207.1950	-0.0014	0.2179	Measured	-
TP13	04/27/2010 13:04:57	207.1850	-0.0005	-0.0101	Measured	-
BM-5B	04/27/2010 13:05:01	206.9787	-0.0007	-0.2062	Measured	-
TP14	04/27/2010 13:05:05	202.6617	-0.0007	-4.3171	Measured	-
TP15	04/27/2010 13:05:09	196.4066	-0.0008	-6.2551	Measured	-
BM-4B	04/27/2010 13:05:13	194.4686	-0.0008	-1.9380	Measured	-
TP16	04/27/2010 13:05:17	190.1255	-0.0009	-4.3430	Measured	-

TP17	04/27/2010 13:05:21	183.8985	-0.0019	-6.2271	Measured	-
BM-3B	04/27/2010 13:05:25	181.9584	-0.0019	-1.9400	Measured	-
TP18	04/27/2010 13:05:29	177.6444	-0.0030	-4.3140	Measured	-
TP19	04/27/2010 13:05:33	171.3873	-0.0030	-6.2571	Measured	-
BM-2B	04/27/2010 13:05:37	169.4783	-0.0020	-1.9091	Measured	-
TP20	04/27/2010 13:05:41	163.9772	-0.0031	-5.5010	Measured	-
TP21	04/27/2010 13:05:45	155.9842	-0.0021	-7.9930	Measured	-
BM-1B	04/27/2010 13:05:49	153.4981	-0.0022	-2.4860	Measured	-
TP22	04/27/2010 13:05:53	150.2661	-0.0022	-3.2321	Measured	0.0010
TP23	04/27/2010 13:05:57	145.1010	-0.0023	-5.1651	Measured	0.0010
BM-GB	04/27/2010 13:06:01	143.1820	-0.0023	-1.9190	Measured	-
TP24	04/27/2010 13:06:05	143.4079	-0.0024	0.2259	Measured	-
TP25	04/27/2010 13:06:09	148.2367	-0.0016	4.8288	Measured	-
13	04/27/2010 13:06:13	151.6793	-	3.4426	Control	-

Jon K Broadwater P.L.S
Senior Associate
David Evans and Associates, Inc.
May 4, 2010

GRID LINE ELEVATIONS

PARKING LEVEL

Bench Elevation= 143' 2 1/8"

ELEVATIONS	GRID LINE N-S								
GRID LINE E-W	10	10A	10A-11	11	11-12	12	12-12A	12A	13
A	143' 2 1/4"	143' 2 1/4"	143' 2 3/8"	143' 2"	143' 2 1/4"	143' 2 1/8"	143' 2 3/8"	143' 2 3/4"	143' 2 7/8"
A1	143' 2 1/4"	143' 2 1/4"	143' 2 1/8"	143' 2 1/4"	143' 2 1/4"	143' 2 1/8"	143' 2 3/8"	143' 2 5/8"	143' 2 3/8"
B-C	143' 2 1/8"	143' 2"	143' 1 7/8"	143' 2 1/8"	143' 2 1/4"	DNS	143' 2 3/8"	143' 2 1/4"	143' 2 1/2"
C	143' 2 1/4"	143' 2 1/8"	143' 2 1/4"	143' 2 1/8"	143' 2 1/4"	143' 2 1/2"	143' 2 3/8"	143' 2"	143' 2 1/8"
C-D	143' 2 1/4"	143' 2 1/4"	143' 2 3/8"	143' 2 1/4"	143' 2 1/4"	143' 2 1/2"	143' 2 1/4"	143' 2"	143' 1 7/8"
D	143' 2 3/8"	143' 1 7/8"	143' 2 1/4"	143' 2 1/4"	143' 2"	143' 2 1/4"	143' 2 1/4"	143' 2 1/8"	143' 2 1/8"
D-E	143' 2 1/8"	143' 2 1/8"	143' 2"	143' 2 1/4"	143' 1 7/8"	143' 2 3/8"	143' 2 1/8"	143' 2 1/2"	143' 2"
E	143' 2 1/4"	143' 2"	143' 2 1/2"	143' 2 1/2"	143' 1 3/4"	143' 2 3/8"	143' 2"	143' 2 1/8"	143' 2"
E-F	143' 2"	143' 2 3/8"	143' 2 1/8"	143' 2 1/4"	DNS	143' 2 1/8"	143' 2 1/8"	143' 2 5/8"	143' 2 1/2"
F	143' 2 1/4"	143' 2 3/8"	143' 2 1/4"	143' 2 1/8"	DNS	143' 2 3/8"	143' 2"	143' 2 1/8"	143' 2"
F-G	143' 2 1/4"	143' 2 3/8"	143' 1 7/8"	143' 2 3/8"	DNS	143' 2"	143' 2 1/4"	143' 2 3/8"	143' 2 3/8"
G	143' 2 3/8"	143' 2 1/4"	143' 2 1/8"	143' 2 1/8"	DNS	143' 2"	143' 2 3/8"	143' 2"	143' 1 3/4"
G-H	143' 2 1/4"	143' 2 3/8"	143' 2 1/8"	143' 1 7/8"	143' 1 1/2"	143' 2 1/8"	143' 1 7/8"	143' 2 1/8"	143' 2 1/8"
H	143' 1 7/8"	143' 2"	143' 2 1/8"	143' 2"	143' 1 3/4"	143' 2 1/8"	143' 2"	143' 2 1/8"	143' 1 5/8"
H-J	143' 2 3/8"	143' 2"	143' 2 1/8"	143' 2"	143' 2"	143' 2 1/8"	143' 2 1/4"	143' 2 1/4"	143' 2 1/8"
J	143' 2"	143' 2 1/8"	143' 2"	143' 2"	143' 2"	143' 2"	143' 2 1/4"	143' 2"	143' 1 7/8"
J-K	143' 2 1/8"	143' 2 1/8"	143' 2"	143' 2 1/8"	143' 1 7/8"	143' 2"	143' 2 1/4"	143' 2 3/8"	143' 1 7/8"
K	143' 2"	DNS	DNS	DNS	143' 2 3/8"	143' 2 1/8"	DNS	143' 2 1/8"	143' 2"
K-L	143' 2 1/8"	DNS	DNS	DNS	143' 1 3/4"	143' 2 1/4"	143' 2"	143' 2 3/8"	143' 2 1/8"
L	143' 1 7/8"	DNS	DNS	DNS	DNS	143' 1 7/8"	143' 1 3/4"	143' 2"	143' 2 1/8"
L-M	143' 2 3/8"	143' 2 1/8"	143' 2 1/8"	143' 1 5/8"	DNS	143' 1 3/4"	143' 1 3/4"	143' 2 1/8"	143' 2 1/4"
M	143' 1 5/8"	143' 2"	143' 1 7/8"	143' 2"	DNS	143' 2 1/4"	143' 1 3/4"	143' 2 1/8"	143' 2"
M-N	143' 2"	143' 1 3/4"	143' 1 1/4"	143' 1 1/2"	143' 1 3/4"	143' 1 5/8"	143' 1 5/8"	DNS	DNS
N	143' 1 7/8"	143' 1 7/8"	143' 1 7/8"	143' 1 3/4"	DNS	143' 2"	143' 1 5/8"	143' 2 1/8"	143' 2 1/4"
N1	143' 2"	143' 1 7/8"	143' 1 1/2"	143' 1 3/4"	DNS	143' 1 1/2"	143' 1 1/2"	143' 2 1/4"	143' 2"
O	143' 2 3/8"	143' 2 1/8"	143' 1 7/8"	143' 1 7/8"	DNS	143' 1 7/8"	143' 2"	DNS	DNS
ELEVATION OF GRID POINT IN FEET & INCHES					DNS = DID NOT SURVEY				

RELATIVE DIFF. FROM BENCH ELEV.	GRID LINE N-S								
GRID LINE E-W	10	10A	10A-11	11	11-12	12	12-12A	12A	13
A	0' 0 1/4"	0' 0 1/8"	0' 0 1/4"	0' 0"	0' 0 1/8"	0' 0 1/8"	0' 0 1/4"	0' 0 5/8"	0' 0 3/4"
A1	0' 0 1/8"	0' 0 1/8"	0' 0 1/8"	0' 0 1/8"	0' 0 1/4"	0' 0"	0' 0 1/4"	0' 0 1/2"	0' 0 3/8"
B-C	0' 0"	0' 0"	0' 0 -1/8"	0' 0 1/8"	0' 0 1/8"	DNS	0' 0 3/8"	0' 0 1/4"	0' 0 3/8"
C	0' 0 1/4"	0' 0"	0' 0 1/4"	0' 0 1/8"	0' 0 1/8"	0' 0 3/8"	0' 0 3/8"	0' 0"	0' 0 1/8"
C-D	0' 0 1/4"	0' 0 1/4"	0' 0 1/4"	0' 0 1/8"	0' 0 1/8"	0' 0 3/8"	0' 0 1/4"	0' 0"	0' 0 -1/8"
D	0' 0 3/8"	0' 0 -1/8"	0' 0 1/8"	0' 0 1/8"	0' 0 -1/8"	0' 0 1/8"	0' 0 1/4"	0' 0 1/8"	0' 0"
D-E	0' 0 1/8"	0' 0"	0' 0 -1/8"	0' 0 1/8"	0' 0 -1/4"	0' 0 1/4"	0' 0"	0' 0 3/8"	0' 0"
E	0' 0 1/4"	0' 0 -1/8"	0' 0 3/8"	0' 0 3/8"	0' 0 -3/8"	0' 0 1/4"	0' 0 -1/8"	0' 0"	0' 0"
E-F	0' 0"	0' 0 3/8"	0' 0"	0' 0 1/8"	DNS	0' 0"	0' 0"	0' 0 1/2"	0' 0 1/2"
F	0' 0 1/4"	0' 0 1/4"	0' 0 1/4"	0' 0"	DNS	0' 0 1/4"	0' 0"	0' 0"	0' 0 -1/8"
F-G	0' 0 1/4"	0' 0 3/8"	0' 0 -1/8"	0' 0 3/8"	DNS	0' 0 -1/8"	0' 0 1/8"	0' 0 3/8"	0' 0 3/8"
G	0' 0 1/4"	0' 0 1/4"	0' 0 1/8"	0' 0"	DNS	0' 0 -1/8"	0' 0 3/8"	0' 0 -1/8"	0' 0 -1/4"
G-H	0' 0 1/8"	0' 0 1/4"	0' 0 1/8"	0' 0 -1/8"	0' 0 -5/8"	0' 0"	0' 0 -1/4"	0' 0 1/8"	0' 0 1/8"
H	0' 0 -1/8"	0' 0"	0' 0"	0' 0 -1/8"	0' 0 -3/8"	0' 0"	0' 0 -1/8"	0' 0 1/8"	0' 0 -3/8"
H-J	0' 0 3/8"	0' 0"	0' 0"	0' 0 -1/8"	0' 0"	0' 0"	0' 0 1/4"	0' 0 1/4"	0' 0"
J	0' 0"	0' 0 1/8"	0' 0"	0' 0 -1/8"	0' 0"	0' 0 -1/8"	0' 0 1/8"	0' 0 -1/8"	0' 0 -1/4"
J-K	0' 0"	0' 0 1/8"	0' 0"	0' 0"	0' 0 -1/4"	0' 0"	0' 0 1/4"	0' 0 1/4"	0' 0 -1/4"
K	0' 0 -1/8"	DNS	DNS	DNS	0' 0 1/4"	0' 0"	DNS	0' 0"	0' 0 -1/8"
K-L	0' 0"	DNS	DNS	DNS	0' 0 -3/8"	0' 0 1/4"	0' 0 -1/8"	0' 0 1/4"	0' 0 1/8"
L	0' 0 -1/4"	DNS	DNS	DNS	DNS	0' 0 -1/4"	0' 0 -3/8"	0' 0 -1/8"	0' 0"
L-M	0' 0 1/4"	0' 0"	0' 0"	0' 0 -3/8"	DNS	0' 0 -3/8"	0' 0 -1/4"	0' 0"	0' 0 1/4"
M	0' 0 -3/8"	0' 0"	0' 0 -1/4"	0' 0 -1/8"	DNS	0' 0 1/4"	0' 0 -3/8"	0' 0 1/8"	0' 0 -1/8"
M-N	0' 0 -1/8"	0' 0 -3/8"	0' 0 -3/4"	0' 0 -5/8"	0' 0 -3/8"	0' 0 -1/2"	0' 0 -1/2"	DNS	DNS
N	0' 0 -1/4"	0' 0 -1/4"	0' 0 -1/4"	0' 0 -1/4"	DNS	0' 0"	0' 0 -1/2"	0' 0"	0' 0 1/8"
N1	0' 0 -1/8"	0' 0 -1/4"	0' 0 -1/2"	0' 0 -3/8"	DNS	0' 0 -5/8"	0' 0 -1/2"	0' 0 1/4"	0' 0"
O	0' 0 1/4"	0' 0 1/8"	0' 0 -1/4"	0' 0 -1/4"	DNS	0' 0 -1/4"	0' 0"	DNS	DNS
					DNS = DID NOT SURVEY				

MONUMENTS SET			
GRID LINE E-W	GRIDLINE N-S	DESCRIPTION	LOCATION
A			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
A1			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
B-C			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Did Not Survey	Point was Destroyed
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
C			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
C-D			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
D			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Set on East Side of Column
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
D-E			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

H-J			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	SCRIBE ON CONTRETE	On Grid Line
	11-12	SCRIBE ON CONTRETE	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
J	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Set on South Side of Column
	11-12	Set 3/4" Pin w/ Washer	On Grid Line
J-K	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
K	11	Set 3/4" Pin w/ Washer	On Grid Line
	11-12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
K-L	10A	Did Not Survey	On Garage Ramp
	10A-11	Did Not Survey	On Garage Ramp
	11	Did Not Survey	On Garage Ramp
	11-12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
L			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Did Not Survey	On Garage Ramp
	10A-11	Did Not Survey	On Garage Ramp
	11	Did Not Survey	On Garage Ramp
	11-12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
L-M	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11-12	Did Not Survey	No Proposed Location
L-M	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
L-M	11	Set 3/4" Pin w/ Washer	On Grid Line
	11-12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line

M			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	Set on North Side of Column
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
M-N			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Did Not Survey	Immovable Vehicle
	13	Did Not Survey	Immovable Vehicle
N			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	Immovable Vehicle
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
N1			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	Immovable Vehicle
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
O			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Did Not Survey	Immovable Vehicle
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Did Not Survey	Inside Heating Unit - No Access
	13	Did Not Survey	Inside Heating Unit - No Access

GRID LINE ELEVATIONS

FIRST FLOOR

Bench Elevation= 153' 5 1/2"

ELEVATION					GRIDLINE N-S				
GRID LINE E-W	10A	10A-11	11	11-12	12	12-12A	12A	12A-13	13
C-D	153' 6"	153' 5 3/4"	153' 5 3/4"	153' 6"	153' 5 3/4"	153' 5 5/8"	153' 5 1/2"	DNS	DNS
D	153' 6"	153' 5 7/8"	153' 6 1/8"	153' 6 1/8"	153' 5 5/8"	153' 4 7/8"	153' 5 7/8"	153' 5 5/8"	153' 5 5/8"
D-E	153' 5 1/2"	153' 6"	153' 6"	153' 6 3/8"	153' 5 1/8"	153' 4 7/8"	153' 5 3/8"	153' 5 1/2"	153' 5 1/2"
E	153' 6 1/8"	153' 6"	153' 5 7/8"	153' 5 3/4"	153' 5 1/2"	DNS	153' 5 5/8"	159' 7 1/4"	153' 5 5/8"
E-F	153' 5 3/4"	153' 6 1/8"	153' 5 3/4"	153' 5 3/4"	153' 6"	153' 5 3/8"	153' 5 5/8"	153' 5 5/8"	153' 5 3/4"
F	153' 5 3/4"	153' 5 3/4"	153' 5 5/8"	153' 5 5/8"	153' 5 3/4"	153' 5 1/8"	153' 6 1/8"	153' 5 7/8"	DNS
F-G	153' 5 3/4"	153' 5 3/4"	153' 5 3/4"	153' 5 5/8"	153' 5 3/8"	153' 4 7/8"	153' 5 3/4"	153' 5 3/4"	153' 5 7/8"
G	153' 5 7/8"	153' 5 5/8"	153' 5 1/8"	DNS	153' 5 1/2"	153' 5 3/8"	153' 5 5/8"	153' 5 3/4"	153' 6"
G-H	153' 5"	153' 4 3/4"	153' 5 5/8"	153' 5 1/8"	153' 5 3/8"	153' 5"	153' 5 3/8"	153' 5 3/8"	DNS
H	153' 5 7/8"	153' 5 1/8"	153' 5 3/4"	DNS	153' 5 1/4"	153' 5"	153' 5 7/8"	153' 5 5/8"	153' 5 1/2"
H-J	153' 5 1/4"	153' 5 1/8"	153' 4 7/8"	153' 5 3/8"	153' 5 1/8"	153' 4 1/2"	153' 5 1/8"	153' 5 5/8"	153' 5 5/8"
J	153' 5 3/8"	153' 5 1/2"	153' 5 1/2"	153' 4 3/4"	153' 5 3/4"	153' 4 7/8"	154' 0 5/8"	154' 1"	DNS
J-K	153' 5 3/8"	153' 5 1/8"	153' 5 1/8"	153' 5 1/4"	153' 5 3/8"	153' 5"	153' 5 3/8"	154' 0 1/2"	154' 1"
K	DNS	153' 5 3/8"	153' 6 1/8"	153' 5 1/8"	153' 5 5/8"	153' 5 1/4"	154' 0 3/4"	154' 0 7/8"	DNS
K-L	DNS	DNS	153' 5 1/2"	153' 5 1/8"	153' 5 1/4"	153' 5 3/8"	153' 5 3/8"	153' 5 1/2"	153' 5 5/8"
L	DNS	DNS	DNS	DNS	153' 6 1/4"	153' 5 1/2"	153' 6 3/8"	153' 6"	DNS
L-M	DNS	DNS	DNS	DNS	153' 6 5/8"	153' 5 1/2"	153' 5 3/4"	153' 5 7/8"	153' 6"
M	DNS	DNS	153' 5 7/8"	DNS	153' 6 3/8"	153' 5 3/8"	153' 6"	153' 6"	DNS
M-N	DNS	DNS	DNS	DNS	153' 4 7/8"	153' 6 1/8"	153' 5 1/2"	153' 6 1/4"	153' 6 1/8"
N	DNS	DNS	DNS	DNS	153' 5 3/8"	153' 5 1/4"	153' 6"	153' 6 1/8"	153' 6"
N1	DNS	DNS	DNS	DNS	DNS	DNS	153' 3 5/8"	153' 5 7/8"	153' 6 1/4"
O	DNS	DNS	DNS	DNS	153' 1 1/8"	153' 1 1/4"	153' 0 7/8"	153' 1 1/2"	DNS
ELEVATION OF GRID POINTS IN FEET & INCHES					DNS = DID NOT SURVEY				

RELATIVE DIFF. FROM BENCH ELEV.					GRIDLINE N-S				
GRID LINE E-W	10A	10A-11	11	11-12	12	12-12A	12A	12A-13	13
C-D	0' 0 1/2"	0' 0 1/4"	0' 0 1/4"	0' 0 3/8"	0' 0 1/8"	0' 0 1/8"	0' 0 -1/8"	DNS	DNS
D	0' 0 1/2"	0' 0 3/8"	0' 0 5/8"	0' 0 5/8"	0' 0 1/8"	0' 0 -5/8"	0' 0 3/8"	0' 0 1/8"	0' 0 1/8"
D-E	0' 0"	0' 0 3/8"	0' 0 3/8"	0' 0 7/8"	0' 0 -1/2"	0' 0 -5/8"	0' 0 -1/4"	0' 0 -1/8"	0' 0 -1/8"
E	0' 0 1/2"	0' 0 1/2"	0' 0 3/8"	0' 0 1/4"	0' 0 -1/8"	DNS	0' 0 1/8"	6' 1 3/4"	0' 0 1/8"
E-F	0' 0 1/4"	0' 0 5/8"	0' 0 1/4"	0' 0 1/8"	0' 0 1/2"	0' 0 -1/8"	0' 0 1/8"	0' 0 1/8"	0' 0 1/4"
F	0' 0 1/4"	0' 0 1/4"	0' 0 1/8"	0' 0 1/8"	0' 0 1/4"	0' 0 -1/2"	0' 0 5/8"	0' 0 3/8"	DNS
F-G	0' 0 1/4"	0' 0 1/4"	0' 0 1/4"	0' 0 1/8"	0' 0 -1/8"	0' 0 -3/4"	0' 0 1/8"	0' 0 1/8"	0' 0 1/4"
G	0' 0 3/8"	0' 0 1/8"	0' 0 -1/2"	DNS	0' 0"	0' 0 -1/4"	0' 0 1/8"	0' 0 1/8"	0' 0 3/8"
G-H	0' 0 -1/2"	0' 0 -3/4"	0' 0 1/8"	0' 0 -3/8"	0' 0 -1/8"	0' 0 -1/2"	0' 0 -1/4"	0' 0 -1/8"	DNS
H	0' 0 3/8"	0' 0 -3/8"	0' 0 1/8"	DNS	0' 0 -3/8"	0' 0 -1/2"	0' 0 3/8"	0' 0 1/8"	0' 0"
H-J	0' 0 -3/8"	0' 0 -3/8"	0' 0 -3/4"	0' 0 -1/4"	0' 0 -3/8"	0' -1 -1/8"	0' 0 -1/2"	0' 0"	0' 0 1/8"
J	0' 0 -1/8"	0' 0 -1/8"	0' 0"	0' 0 -3/4"	0' 0 1/8"	0' 0 -5/8"	0' 7 1/8"	0' 7 1/2"	DNS
J-K	0' 0 -1/4"	0' 0 -1/2"	0' 0 -1/2"	0' 0 -3/8"	0' 0 -1/8"	0' 0 -1/2"	0' 0 -1/8"	0' 7"	0' 7 1/2"
K	DNS	0' 0 -1/8"	0' 0 1/2"	0' 0 -1/2"	0' 0 1/8"	0' 0 -3/8"	0' 7 1/4"	0' 7 3/8"	DNS
K-L	DNS	DNS	0' 0"	0' 0 -3/8"	0' 0 -3/8"	0' 0 -1/8"	0' 0 -1/4"	0' 0 -1/8"	0' 0 1/8"
L	DNS	DNS	DNS	DNS	0' 0 3/4"	0' 0 -1/8"	0' 0 7/8"	0' 0 1/2"	DNS
L-M	DNS	DNS	DNS	DNS	0' 1 1/8"	0' 0 -1/8"	0' 0 1/8"	0' 0 3/8"	0' 0 3/8"
M	DNS	DNS	0' 0 3/8"	DNS	0' 0 3/4"	0' 0 -1/8"	0' 0 1/2"	0' 0 3/8"	DNS
M-N	DNS	DNS	DNS	DNS	0' 0 -3/4"	0' 0 1/2"	0' 0 -1/8"	0' 0 3/4"	0' 0 1/2"
N	DNS	DNS	DNS	DNS	0' 0 -1/8"	0' 0 -3/8"	0' 0 3/8"	0' 0 1/2"	0' 0 1/2"
N1	DNS	DNS	DNS	DNS	DNS	DNS	0' -1 -1/1"	0' 0 3/8"	0' 0 3/4"
O	DNS	DNS	DNS	DNS	0' -4 -1/2"	0' -4 -3/8"	0' -4 -5/8"	0' -4 -1/8"	DNS
ELEVATION OF GRID POINTS IN FEET & INCHES					DNS = DID NOT SURVEY				

MONUMENTS SET			
GRID LINE E-W	GRIDLINE N-S	DESCRIPTION	LOCATION
C-D			
	10	Did Not Survey	No Proposed Location
	10A	Marker Dot	On Grid Line
	10A-11	Marker Dot	0.1' East of Wall
	11	Marker Dot	0.1' East and 0.73' North of Corner
	11--12	Marker Dot	On Grid Line
	12	Marker Dot	0.7' East and 0.55' South of Corner
	12-12A	Marker Dot	On Grid Line
	12A	Marker Dot	On Grid Line
	12A-13	Did Not Survey	No Proposed Location
	13	Did Not Survey	No Proposed Location
D			
	10	Did Not Survey	No Proposed Location
	10A	Marker Dot	On Grid Line
	10A-11	Marker Dot	On Grid Line
	11	Marker Dot	Moved to 4.0' West of Grid Line on Column CL
	11--12	Marker Dot	On Grid Line
	12	Marker Dot	On Grid Line
	12-12A	Marker Dot	On Grid Line
	12A	Marker Dot	On Grid Line
	12A-13	Marker Dot	On Grid Line
	13	Marker Dot	On Grid Line
D-E			
	10	Did Not Survey	No Proposed Location
	10A	Marker Dot	On Grid Line
	10A-11	Marker Dot	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	Marker Dot	On Grid Line
	12	Marker Dot	Moved to North Side of Wall on Grid Line
	12-12A	Marker Dot	On Grid Line
	12A	Marker Dot	On Grid Line
	12A-13	Marker Dot	On Grid Line
	13	Marker Dot	On Grid Line
E			
	10	Did Not Survey	No Proposed Location
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Marker Dot	Moved 4' East of Grid Line on Column CL
	11--12	Marker Dot	On Grid Line
	12	Marker Dot	On Grid Line
	12-12A	Did Not Survey	Immovable Kitchen Appliances
	12A	Marker Dot	Moved 2' West of Grid Line
	12A-13	Marker Dot	Moved 2' West of Grid Line
	13	Marker Dot	Moved 2' West of Grid Line
E-F			
	10	Did Not Survey	No Proposed Location
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	Marker Dot	On Grid Line
	12	Marker Dot	On Grid Line
	12-12A	Marker Dot	On Grid Line
	12A	Marker Dot	On Grid Line
	12A-13	Marker Dot	On Grid Line
	13	Marker Dot	On Grid Line
F			
	10	Did Not Survey	No Proposed Location
	10A	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Marker Dot	Moved to South side of Column
	11--12	Marker Dot	On Grid Line
	12	Marker Dot	On Grid Line
	12-12A	Marker Dot	On Grid Line
	12A	Marker Dot	On Grid Line
	12A-13	Marker Dot	On Grid Line
	13	Did Not Survey	Permanent Office Furniture

F-G			
	10	Did Not Survey	No Proposed Location
	10A	Marker Dot	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	Marker Dot	Moved North into Elec. Closet 1151
	12	Marker Dot	On Grid Line
	12-12A	Marker Dot	On Grid Line
	12A	Marker Dot	On Grid Line
	12A-13	Marker Dot	On Grid Line
	13	Marker Dot	On Grid Line
G			
	10	Did Not Survey	No Proposed Location
	10A	Marker Dot	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Marker Dot	Moved to South Side of Column
	11--12	Did Not Survey	No Proposed Location
	12	Marker Dot	On Grid Line
	12-12A	Marker Dot	On Grid Line
	12A	Marker Dot	Moved 2.8' West of Grid Line
	12A-13	Marker Dot	Moved 2.8' West of Grid Line
	13	Marker Dot	On Grid Line
G-H			
	10	Did Not Survey	No Proposed Location
	10A	Marker Dot	On Grid Line
	10A-11	Marker Dot	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	Marker Dot	On Grid Line
	12	Marker Dot	On Grid Line
	12-12A	Marker Dot	On Grid Line
	12A	Marker Dot	On Grid Line
	12A-13	Marker Dot	On Grid Line
	13	Did Not Survey	No Proposed Location
H			
	10	Did Not Survey	No Proposed Location
	10A	Marker Dot	On Grid Line
	10A-11	Marker Dot	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Marker Dot	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A-13	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
H-J			
	10	Did Not Survey	No Proposed Location
	10A	Marker Dot	On Grid Line
	10A-11	Marker Dot	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	Marker Dot	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A-13	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
J			
	10	Did Not Survey	No Proposed Location
	10A	Marker Dot	On Grid Line
	10A-11	Marker Dot	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Raised Concrete Pad
	12A-13	Set 3/4" Pin w/ Washer	On Raised Concrete Pad
	13	Did Not Survey	No Proposed Location

J-K		
	10	Did Not Survey
		No Proposed Location
	10A	Marker Dot
		On Grid Line
	10A-11	Marker Dot
		On Grid Line
	11	Marker Dot
		On Grid Line
	11--12	Set 3/4" Pin w/ Washer
		On Grid Line
	12	Set 3/4" Pin w/ Washer
		On Grid Line
	12-12A	Set 3/4" Pin w/ Washer
		On Grid Line
	12A	Set 3/4" Pin w/ Washer
		On Grid Line
	12A-13	Set 3/4" Pin w/ Washer
		On Raised Concrete Pad
	13	Set 3/4" Pin w/ Washer
		On Raised Concrete Pad
K		
	10	Did Not Survey
		No Proposed Location
	10A	Set 3/4" Pin w/ Washer
		On Grid Line
	10A-11	Marker Dot
		On Grid Line
	11	Marker Dot
		On Grid Line
	11--12	Set 3/4" Pin w/ Washer
		On Grid Line
	12	Set 3/4" Pin w/ Washer
		On Grid Line
	12-12A	Set 3/4" Pin w/ Washer
		On Grid Line
	12A	Set 3/4" Pin w/ Washer
		On Raised Concrete Pad
	12A-13	Set 3/4" Pin w/ Washer
		On Raised Concrete Pad
	13	Did Not Survey
		No Proposed Location
K-L		
	10	Did Not Survey
		No Proposed Location
	10A	Did Not Survey
		No Proposed Location
	10A-11	Did Not Survey
		No Proposed Location
	11	Marker Dot
		On Grid Line
	11--12	Set 3/4" Pin w/ Washer
		On Grid Line
	12	Set 3/4" Pin w/ Washer
		On Grid Line
	12-12A	Marker Dot
		On Grid Line
	12A	Set 3/4" Pin w/ Washer
		On Grid Line
	12A-13	Set 3/4" Pin w/ Washer
		On Grid Line
	13	Set 3/4" Pin w/ Washer
		On Grid Line
L		
	10	Did Not Survey
		No Proposed Location
	10A	Did Not Survey
		No Proposed Location
	10A-11	Did Not Survey
		No Proposed Location
	11	Did Not Survey
		No Proposed Location
	11--12	Did Not Survey
		No Proposed Location
	12	Set 3/4" Pin w/ Washer
		On Grid Line
	12-12A	Set 3/4" Pin w/ Washer
		On Grid Line
	12A	Set 3/4" Pin w/ Washer
		On Grid Line
	12A-13	Set 3/4" Pin w/ Washer
		On Grid Line
	13	Did Not Survey
		Permanent Office Furniture
L-M		
	10	Did Not Survey
		No Proposed Location
	10A	Did Not Survey
		No Proposed Location
	10A-11	Did Not Survey
		No Proposed Location
	11	Did Not Survey
		No Proposed Location
	11--12	Did Not Survey
		No Proposed Location
	12	Set 3/4" Pin w/ Washer
		On grid Line
	12-12A	Set 3/4" Pin w/ Washer
		On grid Line
	12A	Set 3/4" Pin w/ Washer
		On grid Line
	12A-13	Set 3/4" Pin w/ Washer
		On grid Line
	13	Set 3/4" Pin w/ Washer
		On grid Line
M		
	10	Did Not Survey
		No Proposed Location
	10A	Did Not Survey
		No Proposed Location
	10A-11	Did Not Survey
		No Proposed Location
	11	Set 3/4" Pin w/ Washer
		On Grid Line
	11--12	Did Not Survey
		No Proposed Location
	12	Set 3/4" Pin w/ Washer
		On Grid Line
	12-12A	Set 3/4" Pin w/ Washer
		On Grid Line
	12A	Set 3/4" Pin w/ Washer
		On Grid Line
	12A-13	Set 3/4" Pin w/ Washer
		On Grid Line
	13	Did Not Survey
		Permanent Office Furniture

M-N			
	10	Did Not Survey	No Proposed Location
	10A	Did Not Survey	No Proposed Location
	10A-11	Did Not Survey	No Proposed Location
	11	Did Not Survey	No Access
	11--12	Did Not Survey	No Access
	12	Did Not Survey	No Proposed Location
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A-13	Set 3/4" Pin w/ Washer	On Grid Line
	13	Marker Dot	On Grid Line
N			
	10	Did Not Survey	No Proposed Location
	10A	Did Not Survey	No Proposed Location
	10A-11	Did Not Survey	No Proposed Location
	11	Did Not Survey	No Proposed Location
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A-13	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
N1			
	10	Did Not Survey	No Proposed Location
	10A	Did Not Survey	No Proposed Location
	10A-11	Did Not Survey	No Proposed Location
	11	Did Not Survey	No Proposed Location
	11--12	Did Not Survey	No Proposed Location
	12	Did Not Survey	No Proposed Location
	12-12A	Did Not Survey	No Proposed Location
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	12A-13	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
O			
	10	Did Not Survey	No Proposed Location
	10A	Did Not Survey	No Proposed Location
	10A-11	Did Not Survey	No Proposed Location
	11	Did Not Survey	No Proposed Location
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A-1	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A-2	Set 3/4" Pin w/ Washer	On Grid Line
	12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Did Not Survey	No Proposed Location

GRID LINE ELEVATIONS

SECOND FLOOR

Bench Elevation= 169' 5 3/4"

ELEVATION	GRIDLINE N-S						
GRID LINE E-W	10	10A-11	11	11--12	12	12-12A	13
C	169' 5 7/8"	169' 5 3/8"	169' 5 5/8"	169' 5 3/8"	169' 5 3/4"	169' 5"	169' 5 7/8"
C-D	169' 5 3/8"	169' 4 7/8"	169' 5 3/8"	169' 5 1/2"	169' 5 1/8"	169' 5 1/8"	169' 5 1/2"
D	169' 5 3/8"	169' 4 7/8"	169' 5 3/8"	169' 5 1/2"	169' 5 1/8"	169' 4 3/8"	169' 5 3/4"
D-E	169' 5 3/8"	169' 5 1/8"	169' 5 3/8"	169' 5 7/8"	169' 5 5/8"	169' 5"	169' 5 3/8"
E	169' 5 3/8"	169' 4 3/8"	169' 5 5/8"	169' 5 3/4"	169' 5 5/8"	169' 4 1/8"	169' 5 1/4"
E-F	169' 5 1/2"	169' 5"	169' 5 5/8"	DNS	169' 5 3/4"	169' 4 5/8"	169' 5 1/2"
F	169' 5 3/4"	169' 4 1/2"	169' 5 3/4"	DNS	169' 6 3/8"	169' 4"	169' 5 7/8"
F-G	169' 5 1/2"	169' 5 3/8"	169' 5 3/4"	DNS	169' 5 3/4"	169' 5"	169' 4 3/4"
G	169' 5 1/4"	169' 4 3/8"	169' 5 7/8"	DNS	169' 6 1/4"	169' 5 3/8"	169' 6"
G-H	169' 5 1/4"	169' 4 1/2"	169' 5 1/8"	169' 6 3/8"	169' 5 3/4"	DNS	DNS
H	169' 4 7/8"	169' 4 1/8"	169' 5 1/8"	169' 5 1/2"	169' 5"	169' 4 7/8"	169' 5 5/8"
H-J	169' 4 7/8"	169' 4 7/8"	169' 5 1/4"	169' 5 3/8"	169' 4 7/8"	169' 4 1/2"	169' 4 1/2"
J	169' 4 3/4"	169' 3 3/4"	169' 4 3/4"	169' 4 3/4"	169' 4 3/4"	169' 3 1/2"	169' 5 1/8"
J-K	169' 5"	169' 4 1/2"	169' 4 1/4"	170' 4"	169' 4 3/8"	169' 4 3/8"	169' 4 3/4"
K	169' 5 1/2"	169' 5 1/4"	DNS	169' 4 5/8"	169' 5 1/8"	169' 4 1/8"	169' 5"
K-L	169' 5"	169' 5 3/4"	DNS	169' 4 3/4"	169' 5"	169' 4 3/4"	169' 5 3/8"
L	169' 5 1/8"	169' 5 1/8"	169' 6"	DNS	169' 4 3/4"	169' 4"	169' 5 1/8"
L-M	169' 5 1/8"	169' 5 1/4"	169' 6"	169' 5 5/8"	169' 5 3/8"	169' 4 1/4"	169' 5 3/8"
M	169' 5 1/2"	169' 5"	169' 6 3/8"	DNS	169' 5 3/8"	169' 4"	169' 5 5/8"
M-N	169' 4 7/8"	169' 4 3/4"	169' 4 3/4"	169' 5 1/8"	169' 5"	169' 5 1/8"	169' 5"
N	169' 5 1/8"	169' 4 5/8"	169' 5"	169' 5 1/8"	169' 4 7/8"	169' 5 1/8"	169' 5 5/8"
N1	169' 5 5/8"	169' 5"	169' 5 1/8"	169' 4 3/4"	169' 4 7/8"	169' 5 1/8"	169' 5 3/4"
O	169' 5 1/2"	DNS	169' 5 1/2"	169' 5 3/8"	169' 5 1/4"	169' 5 5/8"	169' 5 5/8"
ELEVATION OF GRID POINTS IN FEET & INCHES						DNS = DID NOT SURVEY	

RELITIVE DIFF. FROM BENCH ELEV.	GRIDLINE N-S						
GRID LINE E-W	10	10A-11	11	11--12	12	12-12A	13
C	0' 0 1/4"	0' 0 -3/8"	0' 0 -1/8"	0' 0 -3/8"	0' 0"	0' 0 -3/4"	0' 0 1/4"
C-D	0' 0 -3/8"	0' 0 -7/8"	0' 0 -3/8"	0' 0 -1/4"	0' 0 -5/8"	0' 0 -5/8"	0' 0 -1/4"
D	0' 0 -3/8"	0' 0 -7/8"	0' 0 -3/8"	0' 0 -1/4"	0' 0 -1/2"	0' -1 -3/8"	0' 0"
D-E	0' 0 -3/8"	0' 0 -5/8"	0' 0 -3/8"	0' 0 1/8"	0' 0 -1/8"	0' 0 -3/4"	0' 0 -3/8"
E	0' 0 -3/8"	0' -1 -3/8"	0' 0 -1/8"	0' 0"	0' 0 -1/8"	0' -1 -5/8"	0' 0 -1/2"
E-F	0' 0 -1/4"	0' 0 -3/4"	0' 0 -1/8"	DNS	0' 0"	0' -1 -1/8"	0' 0 -1/4"
F	0' 0"	0' -1 -1/8"	0' 0"	DNS	0' 0 5/8"	0' -1 -3/4"	0' 0 1/8"
F-G	0' 0 -1/4"	0' 0 -3/8"	0' 0"	DNS	0' 0"	0' 0 -3/4"	0' 0 -1/1"
G	0' 0 -1/2"	0' -1 -3/8"	0' 0 1/8"	DNS	0' 0 1/2"	0' 0 -3/8"	0' 0 1/4"
G-H	0' 0 -1/2"	0' -1 -1/8"	0' 0 -5/8"	0' 0 5/8"	0' 0"	DNS	DNS
H	0' 0 -7/8"	0' -1 -5/8"	0' 0 -1/2"	0' 0 -1/4"	0' 0 -3/4"	0' 0 -7/8"	0' 0 -1/8"
H-J	0' 0 -7/8"	0' 0 -7/8"	0' 0 -1/2"	0' 0 -3/8"	0' 0 -7/8"	0' -1 -1/4"	0' -1 -1/8"
J	0' -1"	0' -1 -1/1"	0' 0 -1/1"	0' -1"	0' -1"	0' -2 -1/4"	0' 0 -5/8"
J-K	0' 0 -3/4"	0' -1 -1/4"	0' -1 -1/2"	0' 10 1/4"	0' -1 -3/8"	0' -1 -3/8"	0' 0 -1/1"
K	0' 0 -1/4"	0' 0 -1/2"	DNS	0' -1 -1/8"	0' 0 -1/2"	0' -1 -5/8"	0' 0 -3/4"
K-L	0' 0 -3/4"	0' 0"	DNS	0' -1"	0' 0 -3/4"	0' -1"	0' 0 -3/8"
L	0' 0 -5/8"	0' 0 -1/2"	0' 0 3/8"	DNS	0' -1"	0' -1 -3/4"	0' 0 -1/2"
L-M	0' 0 -1/2"	0' 0 -1/2"	0' 0 1/4"	0' 0 -1/8"	0' 0 -3/8"	0' -1 -1/2"	0' 0 -3/8"
M	0' 0 -1/4"	0' 0 -3/4"	0' 0 5/8"	DNS	0' 0 -3/8"	0' -1 -3/4"	0' 0 -1/8"
M-N	0' 0 -7/8"	0' 0 -1/1"	0' 0 -1/1"	0' 0 -1/2"	0' 0 -3/4"	0' 0 -5/8"	0' 0 -3/4"
N	0' 0 -5/8"	0' -1 -1/8"	0' 0 -3/4"	0' 0 -5/8"	0' 0 -7/8"	0' 0 -1/2"	0' 0 -1/8"
N1	0' 0 -1/8"	0' 0 -3/4"	0' 0 -5/8"	0' 0 -1/1"	0' 0 -7/8"	0' 0 -5/8"	0' 0"
O	0' 0 -1/4"	DNS	0' 0 -1/4"	0' 0 -3/8"	0' 0 -1/2"	0' 0 -1/8"	0' 0 -1/8"
ELEVATION OF GRID POINTS IN FEET & INCHES						DNS = DID NOT SURVEY	

MONUMENTS SET			
GRID LINE E-W	GRIDLINE N-S	DESCRIPTION	LOCATION
C			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Marker Dot	On Grid Line
C-D	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
D	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
D-E	12	Marker Dot	On Grid Line
	12-12A	Marker Dot	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
E	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
E-F	11	Set 3/4" Pin w/ Washer	Moved to South Side of Column
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
F	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
F	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

F-G			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	NONE	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
G			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	NONE	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
G-H			
	10	Set 3/4" Pin w/ Washer	Moved 2' West of Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Marker Dot	On Grid Line
	11--12	Marker Dot	In Lobby 12.5' South & 8.9' West of Northeast Corner
	12	Marker Dot	In Lobby 7.1' North & 8.9' West of Southeast Corner
	12-12A	Did Not Survey	No Proposed Location
	13	Did Not Survey	No Proposed Location
H			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to South Side of Column
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
H-J			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line-6.8' North of Wall
	13	Set 3/4" Pin w/ Washer	On Grid Line
J			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
J-K			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

K			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Did Not Survey	Permanent Office Furniture
	11--12	Marker Dot	Moved to West Side of Wall into Mens Room
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
K-L			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Did Not Survey	Permanent Office Furniture
	11--12	Marker Dot	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
L			
	10	Marker Dot	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	NONE	No Proposed Location
	12	Set 3/4" Pin w/ Washer	1.9' South of SW Corner of Column
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
L-M			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Marker Dot	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
M			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	Moved to Southeast Corner of Column
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
M-N			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	Moved Westerly to Southeast Corner of RM 2207
N			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

N1			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
O			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Did Not Survey	Permanent Office Furniture
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

GRID LINE ELEVATIONS

THIRD FLOOR

Bench Elevation=

181' 11 3/4"

ELEVATION	GRIDLINE N-S						
GRID LINE E-W	10	10A-11	11	11--12	12	12-12A	13
C	181' 11 1/8"	181' 10 1/4"	181' 11 1/8"	181' 10 3/4"	181' 11 1/8"	181' 10 1/4"	181' 11 5/8"
C-D	181' 11 1/8"	181' 9 5/8"	181' 10 3/8"	181' 10 3/4"	181' 10 1/4"	181' 9 3/4"	181' 10 7/8"
D	181' 10 5/8"	181' 8 3/4"	181' 10 5/8"	DNS	181' 10 5/8"	181' 9 1/4"	181' 11 5/8"
D-E	181' 10 1/2"	181' 9 3/8"	181' 10 5/8"	DNS	181' 10 1/4"	181' 10 1/8"	181' 11 3/8"
E	181' 11"	181' 8 3/4"	181' 10 3/4"	181' 10 1/2"	181' 10 5/8"	181' 9"	181' 11 1/8"
E-F	181' 11 3/8"	181' 9"	181' 11 1/8"	DNS	181' 11 5/8"	181' 9 1/2"	181' 11 1/2"
F	181' 10 1/2"	181' 8 1/8"	181' 11 1/8"	DNS	181' 11 1/2"	181' 8 3/4"	181' 10 7/8"
F-G	181' 11"	181' 9 3/8"	181' 11"	DNS	181' 11 3/4"	181' 9 5/8"	181' 10 3/4"
G	181' 10 5/8"	181' 8 7/8"	181' 11 5/8"	DNS	181' 11 7/8"	181' 9 5/8"	181' 11 7/8"
G-H	DNS	181' 10 1/2"	181' 11 1/2"	181' 11 5/8"	181' 11 5/8"	181' 11 3/8"	181' 11 5/8"
H	181' 10 7/8"	181' 9 7/8"	181' 11 3/8"	181' 11 5/8"	181' 11"	181' 9 7/8"	DNS
H-J	181' 10 7/8"	181' 9 1/2"	181' 10 3/4"	181' 11 1/4"	181' 10 1/2"	181' 9 1/8"	DNS
J	181' 11 1/4"	181' 9 1/2"	181' 10 7/8"	181' 10 1/2"	181' 11 1/4"	181' 9"	181' 11"
J-K	DNS	181' 10 5/8"	181' 11 3/8"	181' 11"	181' 11 1/8"	181' 10 3/8"	181' 11 7/8"
K	181' 11 1/4"	181' 9 1/4"	181' 10 7/8"	181' 10 5/8"	181' 11 1/8"	181' 9 1/4"	181' 11 3/8"
K-L	181' 11 3/8"	181' 9 7/8"	181' 11 5/8"	181' 11"	181' 10 7/8"	181' 10"	DNS
L	181' 11 1/4"	181' 9"	182' 0 1/4"	DNS	181' 11 3/8"	181' 9 5/8"	181' 11 1/8"
L-M	181' 11 1/4"	181' 9 1/2"	182' 0 1/8"	181' 11 3/4"	181' 11 3/8"	181' 10 1/8"	181' 11 1/4"
M	181' 11 1/4"	181' 9 1/4"	182' 0"	DNS	181' 10 7/8"	181' 9 1/8"	181' 11 1/8"
M-N	181' 11 1/8"	181' 10 1/8"	181' 11"	181' 11 1/8"	181' 10 3/8"	181' 9 7/8"	181' 10 7/8"
N	181' 11 1/4"	181' 9 3/4"	181' 10 7/8"	181' 10 3/4"	181' 10 3/4"	181' 10"	181' 11 3/8"
N1	181' 11 1/2"	181' 10 1/2"	DNS	181' 10 1/2"	181' 10 7/8"	181' 10 7/8"	181' 11 3/8"
O	181' 11 5/8"	181' 11"	181' 11 5/8"	181' 11"	181' 11 5/8"	181' 11 1/4"	181' 11 3/4"
ELEVATION OF GRID POINTS IN FEET & INCHES					DNS = DID NOT SURVEY		

RELATIVE DIFF. FROM BENCH ELEV.	GRIDLINE N-S						
GRID LINE E-W	10	10A-11	11	11--12	12	12-12A	13
C	0' 0 -5/8"	0' -1 -1/2"	0' 0 -1/2"	0' -1"	0' 0 -5/8"	0' -1 -1/2"	0' 0 -1/8"
C-D	0' 0 -1/2"	0' -2"	0' -1 -3/8"	0' -1"	0' -1 -1/2"	0' -1 -1/1"	0' 0 -7/8"
D	0' -1 -1/8"	0' -2 -1/1"	0' -1 -1/8"	DNS	0' -1 -1/8"	0' -2 -1/2"	0' 0 -1/8"
D-E	0' -1 -1/8"	0' -2 -3/8"	0' -1 -1/8"	DNS	0' -1 -3/8"	0' -1 -5/8"	0' 0 -3/8"
E	0' 0 -5/8"	0' -2 -1/1"	0' 0 -1/1"	0' -1 -1/8"	0' -1 -1/8"	0' -2 -5/8"	0' 0 -1/2"
E-F	0' 0 -3/8"	0' -2 -3/4"	0' 0 -5/8"	DNS	0' 0 -1/8"	0' -2 -1/4"	0' 0 -1/4"
F	0' -1 -1/4"	0' -3 -5/8"	0' 0 -5/8"	DNS	0' 0 -1/4"	0' -2 -7/8"	0' 0 -3/4"
F-G	0' 0 -5/8"	0' -2 -3/8"	0' 0 -3/4"	DNS	0' 0"	0' -2 -1/8"	0' 0 -1/1"
G	0' -1 -1/8"	0' -2 -7/8"	0' 0 -1/8"	DNS	0' 0 1/8"	0' -2 -1/8"	0' 0 1/8"
G-H	DNS	0' -1 -1/4"	0' 0 -1/4"	0' 0 -1/8"	0' 0"	0' 0 -3/8"	0' 0"
H	0' 0 -7/8"	0' -1 -7/8"	0' 0 -3/8"	0' 0 -1/8"	0' 0 -3/4"	0' -1 -7/8"	DNS
H-J	0' 0 -7/8"	0' -2 -1/4"	0' 0 -1/1"	0' 0 -3/8"	0' -1 -1/4"	0' -2 -1/2"	DNS
J	0' 0 -3/8"	0' -2 -1/4"	0' 0 -3/4"	0' -1 -1/4"	0' 0 -1/2"	0' -2 -3/4"	0' 0 -3/4"
J-K	DNS	0' -1 -1/8"	0' 0 -3/8"	0' 0 -3/4"	0' 0 -1/2"	0' -1 -1/4"	0' 0 1/8"
K	0' 0 -1/2"	0' -2 -1/2"	0' 0 -3/4"	0' -1 -1/8"	0' 0 -1/2"	0' -2 -1/2"	0' 0 -3/8"
K-L	0' 0 -3/8"	0' -1 -7/8"	0' 0 -1/8"	0' 0 -5/8"	0' 0 -7/8"	0' -1 -3/4"	DNS
L	0' 0 -1/2"	0' -2 -3/4"	0' 0 1/2"	DNS	0' 0 -3/8"	0' -2 -1/8"	0' 0 -1/2"
L-M	0' 0 -1/2"	0' -2 -1/4"	0' 0 3/8"	0' 0 1/8"	0' 0 -3/8"	0' -1 -5/8"	0' 0 -1/2"
M	0' 0 -1/2"	0' -2 -1/2"	0' 0 3/8"	DNS	0' 0 -7/8"	0' -2 -5/8"	0' 0 -5/8"
M-N	0' 0 -5/8"	0' -1 -5/8"	0' 0 -3/4"	0' 0 -5/8"	0' -1 -3/8"	0' -1 -7/8"	0' 0 -7/8"
N	0' 0 -1/2"	0' -1 -7/8"	0' 0 -7/8"	0' 0 -1/1"	0' 0 -1/1"	0' -1 -3/4"	0' 0 -3/8"
N1	0' 0 -1/4"	0' -1 -1/8"	DNS	0' -1 -1/8"	0' 0 -7/8"	0' 0 -3/4"	0' 0 -3/8"
O	0' 0 -1/8"	0' 0 -5/8"	0' 0 -1/8"	0' 0 -3/4"	0' 0 -1/8"	0' 0 -1/2"	0' 0"
ELEVATION OF GRID POINTS IN FEET & INCHES					DNS = DID NOT SURVEY		

MONUMENTS SET			
GRID LINE E-W	GRIDLINE N-S	DESCRIPTION	LOCATION
C			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to South Side of Column
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
C-D			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
D			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Access-Rolling File Room
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
D-E			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Access-Rolling File Room
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
E			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
E-F			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
F			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
F-G			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line

	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
G			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
G-H			
	10	Set 3/4" Pin w/ Washer	Moved to West Side of Wall in Staff RM 3180
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
H			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	Moved to West Side of Wall in Office RM
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Marker Dot	On Grid Line
	12-12A	Marker Dot	On Grid Line
	13	Did Not Survey	District Attorney-Victim Meeting
H-J			
	10	Set 3/4" Pin w/ Washer	Moved 2.4' West along Wall
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Did Not Survey	District Attorney-Victim Meeting
J			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
J-K			
	10	Did Not Survey	Permanent Office Furniture
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to North Side of Wall on Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	Moved East to Northwest Corner of Office RM 3233
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
K			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to Southeast Corner of Staff RM 3273
	11--12	Set 3/4" Pin w/ Washer	Moved West into Mens Room
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
K-L			
	10	Set 3/4" Pin w/ Washer	Moved 2.3' West
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Marker Dot	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Did Not Survey	Permanent Office Furniture

L			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to Southeast Corner of Office RM 3265
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
L-M	13	Set 3/4" Pin w/ Washer	Moved 4' West of Column
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Marker Dot	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
M	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
M-N	12	Set 3/4" Pin w/ Washer	Moved to Southeast Corner of Column
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	Moved to East side of Wall in Staff RM 3288
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
N	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	Moved 2' East of Wall in RM 3208
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
N1	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
	10	Set 3/4" Pin w/ Washer	On Grid Line
O	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

GRID LINE ELEVATIONS

FOURTH FLOOR

Bench Elevation=

194' 5 7/8"

ELEVATION	GRIDLINE N-S						
GRID LINE E-W	10	10A-11	11	11--12	12	12-12A	13
C	194' 5 1/4"	194' 4"	194' 5 1/8"	194' 4 5/8"	194' 5 1/4"	194' 3 7/8"	194' 5 3/8"
C-D	194' 5 1/8"	194' 3 5/8"	194' 4 1/2"	194' 4 1/2"	194' 4 3/8"	194' 3 1/2"	194' 5"
D	194' 5 3/8"	194' 3 1/8"	194' 5 3/8"	194' 4 1/2"	194' 5"	194' 3 1/4"	194' 5 1/4"
D-E	194' 5 1/2"	194' 3 3/4"	194' 5 1/4"	194' 4 7/8"	194' 4 7/8"	194' 3 5/8"	194' 5 1/8"
E	194' 5 1/8"	194' 3"	194' 5"	194' 4 3/4"	DNS	194' 3"	194' 5"
E-F	194' 5 1/8"	194' 3 7/8"	194' 5 1/8"	DNS	194' 5 1/2"	194' 3 1/2"	DNS
F	194' 4 3/4"	194' 3"	194' 5 3/8"	DNS	194' 6"	194' 2 3/8"	194' 5"
F-G	194' 4 1/2"	194' 3 3/8"	194' 5 1/2"	DNS	194' 5 7/8"	194' 3 5/8"	194' 4 7/8"
G	194' 5 1/8"	194' 3 1/8"	194' 5 1/8"	DNS	194' 5 5/8"	194' 3 5/8"	194' 5 3/8"
G-H	194' 5 1/8"	194' 4 3/4"	194' 5 5/8"	194' 5 3/4"	194' 5 7/8"	194' 5 5/8"	194' 5"
H	194' 4 3/4"	194' 3 1/2"	194' 5"	194' 4 7/8"	194' 4 7/8"	194' 3 1/4"	194' 5 1/2"
H-J	194' 4 1/4"	194' 3"	194' 4 1/4"	194' 4 3/8"	194' 4"	194' 3"	194' 3 7/8"
J	194' 4 3/4"	194' 3 1/4"	194' 4 3/4"	194' 4 3/8"	194' 4 1/2"	194' 3 1/8"	194' 5 1/4"
J-K	194' 5 1/8"	194' 4 1/4"	194' 4 3/4"	194' 4 5/8"	194' 5"	194' 4 1/8"	194' 5 1/8"
K	194' 5"	194' 3"	194' 4 3/8"	194' 4 5/8"	194' 4 5/8"	194' 3"	194' 5 1/4"
K-L	194' 5 1/8"	194' 3 1/8"	194' 4 5/8"	194' 4 3/4"	194' 4 5/8"	194' 3 7/8"	194' 4 1/2"
L	194' 4 5/8"	194' 2 5/8"	194' 5"	DNS	194' 5 1/4"	194' 3 3/4"	194' 4 7/8"
L-M	DNS	194' 3 5/8"	194' 5 3/8"	194' 5 1/2"	194' 5 1/8"	194' 4 1/8"	194' 5"
M	194' 5 1/8"	194' 3 1/4"	194' 6 1/4"	DNS	194' 4 7/8"	194' 3 3/8"	194' 5 1/4"
M-N	194' 4 3/4"	194' 3 3/4"	194' 5 1/8"	194' 5 3/8"	DNS	194' 3 3/4"	194' 5 1/4"
N	194' 4 1/2"	194' 3 7/8"	194' 4 3/4"	194' 4 3/8"	194' 4 1/2"	194' 3 7/8"	194' 5 3/8"
N1	194' 5"	194' 4 3/4"	194' 4 3/8"	194' 4 5/8"	194' 4 3/4"	194' 4 5/8"	194' 5 5/8"
O	194' 5 7/8"	194' 5"	194' 5 1/8"	194' 5 1/4"	194' 5 1/8"	194' 5 1/8"	194' 5 7/8"
ELEVATION OF GRID POINTS IN FEET & INCHES					DNS = DID NOT SURVEY		

RELATIVE DIFF. FROM BENCH ELEV.	GRIDLINE N-S						
GRID LINE E-W	10	10A-11	11	11--12	12	12-12A	13
C	0' 0 -5/8"	0' -1 -7/8"	0' 0 -3/4"	0' -1 -1/4"	0' 0 -5/8"	0' -2"	0' 0 -1/2"
C-D	0' 0 -3/4"	0' -2 -3/8"	0' -1 -3/8"	0' -1 -3/8"	0' -1 -1/2"	0' -2 -1/2"	0' 0 -7/8"
D	0' 0 -1/2"	0' -2 -3/4"	0' 0 -1/2"	0' -1 -3/8"	0' 0 -7/8"	0' -2 -5/8"	0' 0 -5/8"
D-E	0' 0 -3/8"	0' -2 -1/8"	0' 0 -5/8"	0' 0 -1/1"	0' -1"	0' -2 -1/4"	0' 0 -3/4"
E	0' 0 -3/4"	0' -2 -7/8"	0' 0 -7/8"	0' -1 -1/8"	DNS	0' -2 -7/8"	0' 0 -7/8"
E-F	0' 0 -3/4"	0' -2"	0' 0 -7/8"	DNS	0' 0 -3/8"	0' -2 -1/2"	DNS
F	0' -1 -1/8"	0' -2 -1/1"	0' 0 -1/2"	DNS	0' 0 1/8"	0' -3 -1/2"	0' 0 -1/1"
F-G	0' -1 -3/8"	0' -2 -1/2"	0' 0 -3/8"	DNS	0' 0"	0' -2 -1/4"	0' 0 -1/1"
G	0' 0 -7/8"	0' -2 -3/4"	0' 0 -3/4"	DNS	0' 0 -1/4"	0' -2 -1/4"	0' 0 -1/2"
G-H	0' 0 -7/8"	0' -1 -1/8"	0' 0 -1/4"	0' 0 -1/8"	0' 0"	0' 0 -3/8"	0' 0 -1/1"
H	0' -1 -1/8"	0' -2 -1/2"	0' 0 -1/1"	0' -1 -1/8"	0' -1 -1/8"	0' -2 -5/8"	0' 0 -3/8"
H-J	0' -1 -5/8"	0' -2 -7/8"	0' -1 -5/8"	0' -1 -1/2"	0' -1 -7/8"	0' -2 -1/1"	0' -2"
J	0' -1 -1/8"	0' -2 -5/8"	0' -1 -1/8"	0' -1 -5/8"	0' -1 -3/8"	0' -2 -3/4"	0' 0 -5/8"
J-K	0' 0 -3/4"	0' -1 -5/8"	0' -1 -1/8"	0' -1 -1/4"	0' 0 -1/1"	0' -1 -3/4"	0' 0 -7/8"
K	0' 0 -1/1"	0' -2 -7/8"	0' -1 -5/8"	0' -1 -1/4"	0' -1 -1/4"	0' -2 -7/8"	0' 0 -5/8"
K-L	0' 0 -3/4"	0' -2 -3/4"	0' -1 -1/4"	0' -1 -1/8"	0' -1 -1/4"	0' -2"	0' -1 -3/8"
L	0' -1 -1/4"	0' -3 -1/4"	0' 0 -1/1"	DNS	0' 0 -5/8"	0' -2 -1/8"	0' 0 -1/1"
L-M	DNS	0' -2 -1/4"	0' 0 -1/2"	0' 0 -3/8"	0' 0 -7/8"	0' -1 -3/4"	0' 0 -7/8"
M	0' 0 -3/4"	0' -2 -5/8"	0' 0 3/8"	DNS	0' -1"	0' -2 -1/2"	0' 0 -5/8"
M-N	0' -1 -1/8"	0' -2 -1/8"	0' 0 -3/4"	0' 0 -1/2"	DNS	0' -2 -1/8"	0' 0 -5/8"
N	0' -1 -3/8"	0' -2"	0' -1 -1/8"	0' -1 -1/2"	0' -1 -3/8"	0' -2"	0' 0 -1/2"
N1	0' 0 -7/8"	0' -1 -1/8"	0' -1 -1/2"	0' -1 -1/4"	0' -1 -1/8"	0' -1 -1/4"	0' 0 -3/8"
O	0' 0 -1/8"	0' 0 -7/8"	0' 0 -3/4"	0' 0 -5/8"	0' 0 -3/4"	0' 0 -7/8"	0' 0"
ELEVATION OF GRID POINTS IN FEET & INCHES					DNS = DID NOT SURVEY		

MONUMENTS SET			
GRID LINE E-W	GRIDLINE N-S	DESCRIPTION	LOCATION
C			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to East Side of Column
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
C-D			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	Moved 2.4' West
D			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
D-E			
	10	Set 3/4" Pin w/ Washer	Moved to Northeast Corner of RM 4195
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to West Side of Wall in RM 4175
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	Moved 3' West
E			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	Moved North 4' Along Grid Line
	12	Did Not Survey	Permanent Office Furniture
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
E-F			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Did Not Survey	Permanent Office Furniture
F			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to South Side of Column
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	Moved 2.2' East
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

F-G			
	10	Set 3/4" Pin w/ Washer	Moved 4' South
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to South side of Wall on Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
G			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
G-H			
	10	Set 3/4" Pin w/ Washer	Moved 3.5' South
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
H			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	Move to North Side of Column
H-J			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
J			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Marker Dot	Moved 2.0' South Along Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
J-K			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to North Side of Wall on Grid Line
	11--12	Marker Dot	Moved 2.0' South Along Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

K			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved 2' West of Column
	11--12	Set 3/4" Pin w/ Washer	Moved West into Mens Room
	12	Set 3/4" Pin w/ Washer	Moved to North Side of Wall on Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
K-L			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved 2.5' West
	11--12	Marker Dot	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Did Not Survey	Permanent Office Furniture
L			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved 2.2' North along Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
L-M			
	10	Did Not Survey	Permanent Office Furniture
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved 2.2' North along Grid Line
	11--12	Marker Dot	On Grid Line
	12	Set 3/4" Pin w/ Washer	Moved to North Side of Wall on Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
M			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	Moved to East Side of Column
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
M-N			
	10	Set 3/4" Pin w/ Washer	Moved to Northwest Corner of RM 4298
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Did Not Survey	Permanent Office Furniture
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	Moved 2' East of Wall in RM 4208
N			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	Moved 2' South along Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

N1			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to South side of Wall on Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
O			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	Moved 2' West
	11	Set 3/4" Pin w/ Washer	Moved to South side of Wall on Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	Moved 2' West
	13	Set 3/4" Pin w/ Washer	On Grid Line

GRID LINE ELEVATIONS

FIFTH FLOOR

Bench Elevation=

206' 11 3/4"

ELEVATION	GRIDLINE N-S						
GRID LINE E-W	10	10A-11	11	11--12	12	12-12A	13
C	206' 11 3/8"	206' 9 7/8"	206' 11 1/4"	206' 11 1/8"	206' 10 7/8"	206' 10"	206' 11 1/2"
C-D	206' 10 3/8"	206' 9 1/2"	206' 10 3/8"	206' 10 3/4"	206' 10 1/2"	206' 9 3/4"	206' 11"
D	206' 10 7/8"	206' 9"	206' 10 7/8"	206' 10 1/8"	206' 10 1/2"	206' 8 1/2"	206' 11 1/8"
D-E	206' 10 3/4"	206' 9 5/8"	206' 10 3/4"	206' 11"	206' 10 5/8"	206' 9 1/8"	206' 10 1/2"
E	206' 11"	206' 8 5/8"	206' 10 1/2"	206' 10 5/8"	206' 10 1/2"	206' 8 1/4"	206' 11"
E-F	206' 10 7/8"	206' 9 3/8"	206' 10 3/4"	DNS	206' 10 3/4"	206' 9 1/2"	206' 10 3/4"
F	206' 11 1/4"	206' 8 1/2"	206' 10 5/8"	DNS	206' 11 1/4"	206' 7 7/8"	206' 11 1/8"
F-G	206' 10 3/4"	206' 9 1/8"	206' 11"	DNS	206' 11 1/2"	206' 8 3/4"	206' 10 3/8"
G	206' 10 3/4"	206' 8 5/8"	206' 10 3/4"	DNS	206' 11 1/2"	206' 8 3/4"	206' 11"
G-H	DNS	206' 10"	206' 11"	206' 11 3/8"	206' 11 5/8"	206' 10 3/4"	206' 11 3/8"
H	206' 10 1/2"	206' 8 7/8"	206' 10 3/8"	206' 10 3/4"	206' 10 1/2"	206' 8 7/8"	206' 11"
H-J	206' 10 3/8"	206' 9"	206' 10 1/4"	206' 10 3/8"	206' 9 7/8"	206' 8 1/4"	206' 9 5/8"
J	206' 11"	206' 8 5/8"	206' 10 1/2"	206' 10 1/4"	206' 10 1/4"	206' 8 5/8"	206' 10 5/8"
J-K	206' 11 1/8"	206' 9 7/8"	206' 10 7/8"	206' 11 1/8"	206' 10 3/4"	206' 9 7/8"	206' 10 7/8"
K	206' 10 5/8"	206' 8 5/8"	206' 10 3/8"	206' 10 7/8"	206' 10 3/4"	206' 8 7/8"	206' 10 3/4"
K-L	206' 11"	206' 8 7/8"	206' 10 3/4"	206' 11"	206' 10 5/8"	206' 9 7/8"	206' 10 5/8"
L	206' 10 5/8"	206' 7 5/8"	206' 11 1/2"	DNS	DNS	206' 9 1/4"	206' 10 3/4"
L-M	206' 11"	206' 8 1/2"	206' 11 5/8"	206' 11 1/2"	DNS	206' 9 1/2"	206' 10 5/8"
M	206' 10 5/8"	206' 8 1/2"	207' 0 3/8"	DNS	206' 10 3/8"	206' 8 5/8"	206' 10 3/4"
M-N	206' 10 3/8"	206' 9 7/8"	206' 10 7/8"	206' 11 1/4"	206' 10 1/2"	206' 9 3/4"	206' 11"
N	206' 11 1/8"	206' 10 1/8"	206' 11"	206' 10 1/8"	206' 10 1/2"	206' 9 5/8"	206' 11 1/4"
N1	206' 11 1/8"	206' 10 5/8"	206' 11 1/8"	206' 10 5/8"	206' 10 3/4"	206' 10 1/4"	206' 11 1/8"
O	206' 11 7/8"	DNS	206' 11 1/8"	206' 10 3/4"	206' 11"	206' 10 3/4"	206' 11 3/8"
ELEVATION OF GRID POINTS IN FEET & INCHES					DNS = DID NOT SURVEY		

RELATIVE DIFF. FROM BENCH ELEV.	GRIDLINE N-S						
GRID LINE E-W	10	10A-11	11	11--12	12	12-12A	13
C	0' 0 -3/8"	0' -1 -7/8"	0' 0 -1/2"	0' 0 -5/8"	0' 0 -7/8"	0' -1 -3/4"	0' 0 -1/4"
C-D	0' -1 -3/8"	0' -2 -1/4"	0' -1 -3/8"	0' -1"	0' -1 -1/4"	0' -1 -1/1"	0' 0 -3/4"
D	0' 0 -7/8"	0' -2 -3/4"	0' 0 -7/8"	0' -1 -5/8"	0' -1 -1/4"	0' -3 -1/4"	0' 0 -5/8"
D-E	0' 0 -1/1"	0' -2 -1/8"	0' 0 -1/1"	0' 0 -3/4"	0' -1 -1/8"	0' -2 -5/8"	0' -1 -1/4"
E	0' 0 -3/4"	0' -3 -1/8"	0' -1 -1/4"	0' -1 -1/8"	0' -1 -1/4"	0' -3 -1/2"	0' 0 -3/4"
E-F	0' 0 -7/8"	0' -2 -3/8"	0' -1"	DNS	0' -1"	0' -2 -1/4"	0' 0 -1/1"
F	0' 0 -1/2"	0' -3 -1/4"	0' -1 -1/8"	DNS	0' 0 -1/2"	0' -3 -7/8"	0' 0 -5/8"
F-G	0' 0 -1/1"	0' -2 -5/8"	0' 0 -3/4"	DNS	0' 0 -1/4"	0' -2 -1/1"	0' -1 -3/8"
G	0' 0 -1/1"	0' -3 -1/8"	0' 0 -1/1"	DNS	0' 0 -1/4"	0' -2 -1/1"	0' 0 -3/4"
G-H	DNS	0' -1 -3/4"	0' 0 -3/4"	0' 0 -3/8"	0' 0 -1/8"	0' -1"	0' 0 -3/8"
H	0' -1 -1/4"	0' -2 -7/8"	0' -1 -3/8"	0' 0 -1/1"	0' -1 -1/4"	0' -2 -7/8"	0' 0 -3/4"
H-J	0' -1 -3/8"	0' -2 -3/4"	0' -1 -1/2"	0' -1 -3/8"	0' -1 -7/8"	0' -3 -1/2"	0' -2 -1/8"
J	0' 0 -3/4"	0' -3 -1/8"	0' -1 -1/4"	0' -1 -1/2"	0' -1 -1/2"	0' -3 -1/8"	0' -1 -1/8"
J-K	0' 0 -5/8"	0' -1 -7/8"	0' 0 -7/8"	0' 0 -5/8"	0' 0 -1/1"	0' -1 -7/8"	0' 0 -7/8"
K	0' -1 -1/8"	0' -3 -1/8"	0' -1 -3/8"	0' 0 -7/8"	0' 0 -1/1"	0' -2 -7/8"	0' 0 -1/1"
K-L	0' 0 -3/4"	0' -2 -7/8"	0' -1"	0' 0 -3/4"	0' -1 -1/8"	0' -1 -3/4"	0' -1 -1/8"
L	0' -1 -1/8"	0' -4 -1/8"	0' 0 -1/4"	DNS	DNS	0' -2 -1/2"	0' -1"
L-M	0' 0 -3/4"	0' -3 -1/4"	0' 0 -1/8"	0' 0 -1/4"	DNS	0' -2 -1/4"	0' -1 -1/8"
M	0' -1 -1/8"	0' -3 -1/4"	0' 0 5/8"	DNS	0' -1 -3/8"	0' -3 -1/8"	0' 0 -1/1"
M-N	0' -1 -3/8"	0' -1 -7/8"	0' 0 -7/8"	0' 0 -1/2"	0' -1 -1/4"	0' -1 -1/1"	0' 0 -3/4"
N	0' 0 -5/8"	0' -1 -5/8"	0' 0 -3/4"	0' -1 -5/8"	0' -1 -1/4"	0' -2 -1/8"	0' 0 -1/2"
N1	0' 0 -5/8"	0' -1 -1/8"	0' 0 -5/8"	0' -1 -1/8"	0' 0 -1/1"	0' -1 -1/2"	0' 0 -5/8"
O	0' 0 1/8"	DNS	0' 0 -5/8"	0' 0 -1/1"	0' 0 -3/4"	0' 0 -1/1"	0' 0 -3/8"
ELEVATION OF GRID POINTS IN FEET & INCHES					DNS = DID NOT SURVEY		

MONUMENTS SET			
GRID LINE E-W	GRIDLINE N-S	DESCRIPTION	LOCATION
C			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
C-D			
	10	Set 3/4" Pin w/ Washer	Moved to Northeast Corner of RM 5196
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	Moved West into RM 5147
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
D			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
D-E			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
E			
	10	Set 3/4" Pin w/ Washer	Moved to Southwest Corner of Column
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	Moved 1.5' East
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
E-F			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
F			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Marker Dot	Moved to West Side of Column
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

F-G			
	10	Set 3/4" Pin w/ Washer	Moved to Northeast Corner of RM 5192
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
G			
	10	Set 3/4" Pin w/ Washer	Moved to Southwest Corner of Column
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
G-H			
	10	Did Not Survey	Permanent Office Furniture
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	Moved to West Side of Wall in RM 5210
	13	Set 3/4" Pin w/ Washer	Moved to West Side of Wall in RM 5200
H			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
H-J			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
J			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
J-K			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to North Side of Wall on Grid Line
	11--12	Marker Dot	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

K			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	Moved West into Mens Room
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
K-L			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Marker Dot	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	Moved 2' North along Grid Line
	13	Marker Dot	Moved to Southwest Corner of RM 5205
L			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	Moved to West Side of Wall in RM 5274
	11	Set 3/4" Pin w/ Washer	Moved to West Side of Wall in RM 5274
	11--12	Did Not Survey	No Proposed Location
	12	Did Not Survey	No Access
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
L-M			
	10	Set 3/4" Pin w/ Washer	Moved to West Side of Wall in RM 4290
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved 2.2' North along Grid Line
	11--12	Marker Dot	On Grid Line
	12	Did Not Survey	No Access
	12-12A	Set 3/4" Pin w/ Washer	Moved 2' South along Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
M			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	Moved to West Side of Wall in RM 5274
	11	Set 3/4" Pin w/ Washer	Moved 3.5' South into RM 5258
	11--12	Did Not Survey	No Proposed Location
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
M-N			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to South side of Wall on Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
N			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	On Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

N1			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Set 3/4" Pin w/ Washer	On Grid Line
	11	Set 3/4" Pin w/ Washer	Moved to South side of Wall on Grid Line
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line
O			
	10	Set 3/4" Pin w/ Washer	On Grid Line
	10A-11	Did Not Survey	Permanent Office Furniture
	11	Set 3/4" Pin w/ Washer	Moved 2.5' West
	11--12	Set 3/4" Pin w/ Washer	On Grid Line
	12	Set 3/4" Pin w/ Washer	On Grid Line
	12-12A	Set 3/4" Pin w/ Washer	On Grid Line
	13	Set 3/4" Pin w/ Washer	On Grid Line

GRID LINE ELEVATIONS

BOTTOM OF ROOF SLAB

Bench Elevation=

FIFTH FLOOR PLUS MEASURE UP

BOTTOM OF SLAB		GRIDLINE N-S					
GRID LINE E-W	10	10A	11	11--12	12	12A	13
C	219' 3 3/8"	219' 0 7/8"	219' 2 5/8"	219' 2 5/8"	219' 1"	219' 1 1/8"	219' 3"
C-D	219' 1 1/2"	218' 8 1/8"	218' 11 3/8"	219' 1 7/8"	218' 11 3/4"	218' 10 7/8"	219' 2 3/8"
D	219' 1 1/2"	218' 7 5/8"	218' 10"	219' 2 1/4"	218' 9 3/4"	218' 6 1/2"	219' 1 3/4"
D-E	219' 1 1/2"	218' 9 5/8"	218' 10 5/8"	219' 2 3/8"	218' 10 5/8"	218' 10 3/8"	219' 1 3/4"
E	219' 1 5/8"	219' 0 1/4"	219' 1 5/8"	DNS	219' 2"	219' 0 7/8"	219' 1 5/8"
E-F	219' 2 1/2"	218' 9 1/8"	218' 11 3/4"	DNS	218' 10 3/8"	218' 10 1/8"	219' 2"
F	219' 2 3/4"	218' 6 1/4"	218' 10 3/8"	DNS	218' 11 3/8"	218' 7 3/4"	219' 1 3/8"
F-G	219' 2 3/8"	218' 7 7/8"	218' 10 1/8"	DNS	219' 0"	218' 8 5/8"	219' 3"
G	219' 2 3/8"	218' 10 3/4"	219' 1 1/4"	DNS	219' 2 7/8"	218' 11 5/8"	219' 3 1/2"
G-H	DNS	218' 9 5/8"	218' 11 1/4"	219' 3 3/8"	DNS	218' 10 3/8"	219' 1 3/4"
H	219' 2"	218' 7 3/8"	218' 10 1/4"	219' 1 3/4"	218' 10 3/8"	218' 7 5/8"	219' 2 5/8"
H-J	219' 1 3/4"	218' 9 5/8"	218' 10 5/8"	219' 1 1/4"	218' 10 3/8"	218' 9 1/2"	219' 0 5/8"
J	219' 1 3/4"	218' 12"	219' 1 3/4"	219' 2"	219' 1 7/8"	219' 0 1/8"	219' 1 5/8"
J-K	219' 2 1/2"	218' 10"	218' 11 3/4"	219' 3 1/2"	218' 11 5/8"	218' 10"	219' 1 3/8"
K	219' 1 5/8"	218' 6 5/8"	218' 9 3/4"	DNS	218' 10"	218' 7 3/8"	219' 1 5/8"
K-L	219' 2 1/2"	218' 8 3/8"	218' 11"	DNS	218' 10 3/8"	218' 10"	219' 2"
L	219' 1 3/4"	219' 1 3/8"	219' 2 1/2"	DNS	DNS	219' 0"	219' 1 3/8"
L-M	219' 2 5/8"	218' 10 1/2"	218' 12"	DNS	DNS	218' 10 3/8"	219' 2 1/8"
M	219' 1 7/8"	218' 7 1/4"	219' 0 1/4"	DNS	218' 10 1/4"	218' 7 3/4"	219' 1 5/8"
M-N	219' 1 1/2"	218' 10 1/8"	218' 11 1/8"	219' 3 1/4"	218' 10 3/4"	218' 9 3/8"	219' 3"
N	219' 2"	219' 1 5/8"	219' 2 1/2"	219' 2 1/8"	219' 2 1/8"	219' 1 1/8"	219' 3 1/8"
N1	219' 4 7/8"	219' 6"	219' 5"	219' 5 1/8"	219' 5 1/8"	219' 3 5/8"	219' 5 1/2"
O	219' 8 7/8"	DNS	219' 7 1/4"	219' 7 5/8"	219' 7 1/2"	219' 7 3/4"	219' 8"
BOTTOM OF ROOF SLAB IN FEET & INCHES					DNS = DID NOT SURVEY		

RELATIVE DIFF. FROM BENCH ELEV.		GRIDLINE N-S					
GRID LINE E-W	10	10A	11	11--12	12	12A	13
C	0' 0 -3/8"	0' -1 -7/8"	0' 0 -1/2"	0' 0 -5/8"	0' 0 -7/8"	0' -1 -3/4"	0' 0 -1/4"
C-D	0' -1 -3/8"	0' -2 -1/4"	0' -1 -3/8"	0' -1"	0' -1 -1/4"	0' -1 -1/1"	0' 0 -3/4"
D	0' 0 -7/8"	0' -2 -3/4"	0' 0 -7/8"	0' -1 -5/8"	0' -1 -1/4"	0' -3 -1/4"	0' 0 -5/8"
D-E	0' 0 -1/1"	0' -2 -1/8"	0' 0 -1/1"	0' 0 -3/4"	0' -1 -1/8"	0' -2 -5/8"	0' -1 -1/4"
E	0' 0 -3/4"	0' -3 -1/8"	0' -1 -1/4"	DNS	0' -1 -1/4"	0' -3 -1/2"	0' 0 -3/4"
E-F	0' 0 -7/8"	0' -2 -3/8"	0' -1"	DNS	0' -1"	0' -2 -1/4"	0' 0 -1/1"
F	0' 0 -1/2"	0' -3 -1/4"	0' -1 -1/8"	DNS	0' 0 -1/2"	0' -3 -7/8"	0' 0 -5/8"
F-G	0' 0 -1/1"	0' -2 -5/8"	0' 0 -3/4"	DNS	0' 0 -1/4"	0' -2 -1/1"	0' -1 -3/8"
G	0' 0 -1/1"	0' -3 -1/8"	0' 0 -1/1"	DNS	0' 0 -1/4"	0' -2 -1/1"	0' 0 -3/4"
G-H	DNS	0' -1 -3/4"	0' 0 -3/4"	0' 0 -3/8"	DNS	0' -1"	0' 0 -3/8"
H	0' -1 -1/4"	0' -2 -7/8"	0' -1 -3/8"	0' 0 -1/1"	0' -1 -1/4"	0' -2 -7/8"	0' 0 -3/4"
H-J	0' -1 -3/8"	0' -2 -3/4"	0' -1 -1/2"	0' -1 -3/8"	0' -1 -7/8"	0' -3 -1/2"	0' -2 -1/8"
J	0' 0 -3/4"	0' -3 -1/8"	0' -1 -1/4"	0' -1 -1/2"	0' -1 -1/2"	0' -3 -1/8"	0' -1 -1/8"
J-K	0' 0 -5/8"	0' -1 -7/8"	0' 0 -7/8"	0' 0 -5/8"	0' 0 -1/1"	0' -1 -7/8"	0' 0 -7/8"
K	0' -1 -1/8"	0' -3 -1/8"	0' -1 -3/8"	DNS	0' 0 -1/1"	0' -2 -7/8"	0' 0 -1/1"
K-L	0' 0 -3/4"	0' -2 -7/8"	0' -1"	DNS	0' -1 -1/8"	0' -1 -3/4"	0' -1 -1/8"
L	0' -1 -1/8"	0' -4 -1/8"	0' 0 -1/4"	DNS	DNS	0' -2 -1/2"	0' -1"
L-M	0' 0 -3/4"	0' -3 -1/4"	0' 0 -1/8"	DNS	DNS	0' -2 -1/4"	0' -1 -1/8"
M	0' -1 -1/8"	0' -3 -1/4"	0' 0 5/8"	DNS	0' -1 -3/8"	0' -3 -1/8"	0' 0 -1/1"
M-N	0' -1 -3/8"	0' -1 -7/8"	0' 0 -7/8"	0' 0 -1/2"	0' -1 -1/4"	0' -1 -1/1"	0' 0 -3/4"
N	0' 0 -5/8"	0' -1 -5/8"	0' 0 -3/4"	0' -1 -5/8"	0' -1 -1/4"	0' -2 -1/8"	0' 0 -1/2"
N1	0' 0 -5/8"	0' -1 -1/8"	0' 0 -5/8"	0' -1 -1/8"	0' 0 -1/1"	0' -1 -1/2"	0' 0 -5/8"
O	0' 0 1/8"	#VALUE!	0' 0 -5/8"	0' 0 -1/1"	0' 0 -3/4"	0' 0 -1/1"	0' 0 -3/8"
BOTTOM OF ROOF SLAB IN FEET & INCHES					DNS = DID NOT SURVEY		

N1			
	10	No Monument Set	See Fifth Floor Monument Locations
	10A-11	No Monument Set	See Fifth Floor Monument Locations
	11	No Monument Set	See Fifth Floor Monument Locations
	11--12	No Monument Set	See Fifth Floor Monument Locations
	12	No Monument Set	See Fifth Floor Monument Locations
	12-12A	No Monument Set	See Fifth Floor Monument Locations
	13	No Monument Set	See Fifth Floor Monument Locations
O			
	10	No Monument Set	See Fifth Floor Monument Locations
	10A-11	No Monument Set	See Fifth Floor Monument Locations
	11	No Monument Set	See Fifth Floor Monument Locations
	11--12	No Monument Set	See Fifth Floor Monument Locations
	12	No Monument Set	See Fifth Floor Monument Locations
	12-12A	No Monument Set	See Fifth Floor Monument Locations
	13	No Monument Set	See Fifth Floor Monument Locations

Exterior Points

NORTH FACE

1030= O/ROOF NORTH SIDE

pt number	northing	easting	elevation	code	location on brick
1030	5066.7974	10365.0176	219.1727	990	upper right
1031	5066.4493	10365.8933	206.4160	990	upper left
1032	5066.4290	10365.9053	193.9481	990	upper left
1033	5066.5099	10365.6562	181.6948	990	upper right
1034	5066.6117	10365.3218	169.0147	990	upper right
1035	5072.4477	10348.9788	168.9839	990	upper right
1036	5072.4445	10349.0079	181.4379	990	upper right
1037	5072.5455	10348.6892	194.1820	990	upper right
1038	5072.4805	10348.9241	206.4008	990	upper left
1039	5072.7166	10348.3882	218.3955	990	upper right
1040	5081.9927	10322.3314	218.6680	990	upper right
1041	5081.8374	10322.6526	206.4384	990	upper right
1042	5081.7241	10322.9382	194.1857	990	upper right
1043	5081.8609	10322.6281	181.4598	990	upper right
1044	5081.7657	10322.8719	169.7483	990	lower right
1045	5091.0432	10296.8838	169.4479	990	upper left
1046	5091.2324	10296.2910	181.4353	990	upper right
1047	5091.1193	10296.5615	194.1862	990	upper right
1048	5091.2466	10296.2442	206.1890	990	upper left
1049	5091.4962	10295.6086	218.4125	990	upper left
1050	5100.6293	10269.8951	206.4284	990	upper left
1051	5100.7244	10269.6181	194.1901	990	upper left
1052	5100.5181	10270.2243	181.6973	990	upper right
1053	5100.7528	10269.6327	169.1948	990	upper right
1054	5109.9535	10243.8075	169.2017	990	upper left
1055	5119.3402	10217.4731	169.2258	990	upper left
1056	5119.4400	10217.1425	181.6925	990	upper left
1057	5119.2894	10217.5075	194.1636	990	upper right
1058	5119.1686	10217.8413	206.7021	990	lower left
1059	5119.3036	10217.4897	219.1553	990	upper right
1060	5129.0252	10190.1858	219.4145	990	upper right
1061	5128.5625	10191.4698	207.3309	990	upper left
1062	5128.8154	10190.7812	194.4260	990	upper left
1063	5128.8133	10190.8235	181.9726	990	upper right
1064	5128.6172	10191.4222	169.4871	990	upper left
1065	5138.1253	10164.7194	169.7482	990	upper left
1066	5138.1198	10164.7087	181.7381	990	upper left
1067	5138.1992	10164.4490	194.9297	990	upper right
1068	5137.9290	10165.1602	207.3464	990	upper right
1069	5138.3940	10163.8466	218.9233	990	upper right
1070	5147.7026	10137.7537	219.1749	990	upper left
1071	5147.3302	10138.7874	206.7297	990	lower left
1072	5147.5822	10138.1100	195.1640	990	upper right
1073	5147.5186	10138.3606	182.0316	990	lower left
1074	5147.5026	10138.4386	169.2242	990	upper right
1075	5156.8117	10112.3444	169.2581	990	lower left
1076	5156.7964	10112.3339	181.9592	990	upper left
1077	5156.9775	10111.7705	194.9171	990	upper right
1078	5156.5451	10112.8598	206.7277	990	lower left
1079	5157.1786	10111.1416	219.4025	990	upper right
1080	5166.3530	10085.3826	219.9105	990	upper right
1081	5166.0875	10086.1109	206.7525	990	lower right
1082	5166.3931	10085.4201	194.4392	990	upper right
1083	5166.3056	10085.6701	182.1969	990	upper left
1084	5166.1989	10086.0024	169.4767	990	upper left
1085	5109.9132	10243.8041	181.7087	990	upper right
1086	5110.0051	10243.5532	194.1945	990	upper right
1087	5109.9352	10243.7183	206.7300	990	lower left
1088	5109.9198	10243.8224	218.9775	990	lower left
1089	5100.7641	10269.5696	218.6672	990	upper left

Exterior Points

NORTH FACE

	pt number	northing	easting	elevation	code	location on brick
1030= O/ROOF NORTH SIDE	1030	5066' 9 5/8"	10365' 0 1/4"	219' 2 1/8"	990	upper right
	1031	5066' 5 3/8"	10365' 10 3/4"	206' 5"	990	upper left
	1032	5066' 5 1/8"	10365' 10 7/8"	193' 11 3/8"	990	upper left
	1033	5066' 6 1/8"	10365' 7 7/8"	181' 8 3/8"	990	upper right
	1034	5066' 7 3/8"	10365' 3 7/8"	169' 0 1/8"	990	upper right
	1035	5072' 5 3/8"	10348' 11 3/4"	168' 11 3/4"	990	upper right
	1036	5072' 5 3/8"	10349' 0 1/8"	181' 5 1/4"	990	upper right
	1037	5072' 6 1/2"	10348' 8 1/4"	194' 2 1/8"	990	upper right
	1038	5072' 5 3/4"	10348' 11 1/8"	206' 4 3/4"	990	upper left
	1039	5072' 8 5/8"	10348' 4 5/8"	218' 4 3/4"	990	upper right
	1040	5081' 11 7/8"	10322' 4"	218' 8"	990	upper right
	1041	5081' 10"	10322' 7 7/8"	206' 5 1/4"	990	upper right
	1042	5081' 8 3/4"	10322' 11 1/4"	194' 2 1/4"	990	upper right
	1043	5081' 10 3/8"	10322' 7 1/2"	181' 5 1/2"	990	upper right
	1044	5081' 9 1/4"	10322' 10 1/2"	169' 9"	990	lower right
	1045	5091' 0 1/2"	10296' 10 5/8"	169' 5 3/8"	990	upper left
	1046	5091' 2 3/4"	10296' 3 1/2"	181' 5 1/4"	990	upper right
	1047	5091' 1 3/8"	10296' 6 3/4"	194' 2 1/4"	990	upper right
	1048	5091' 3"	10296' 2 7/8"	206' 2 1/4"	990	upper left
	1049	5091' 6"	10295' 7 1/4"	218' 5"	990	upper left
	1050	5100' 7 1/2"	10269' 10 3/4"	206' 5 1/8"	990	upper left
	1051	5100' 8 3/4"	10269' 7 3/8"	194' 2 1/4"	990	upper left
	1052	5100' 6 1/4"	10270' 2 3/4"	181' 8 3/8"	990	upper right
	1053	5100' 9"	10269' 7 5/8"	169' 2 3/8"	990	upper right
	1054	5109' 11 1/2"	10243' 9 3/4"	169' 2 3/8"	990	upper left
	1055	5119' 4 1/8"	10217' 5 5/8"	169' 2 3/4"	990	upper left
	1056	5119' 5 1/4"	10217' 1 3/4"	181' 8 1/4"	990	upper left
	1057	5119' 3 1/2"	10217' 6 1/8"	194' 2"	990	upper right
	1058	5119' 2"	10217' 10 1/8"	206' 8 3/8"	990	lower left
	1059	5119' 3 5/8"	10217' 5 7/8"	219' 1 7/8"	990	upper right
	1060	5129' 0 1/4"	10190' 2 1/4"	219' 5"	990	upper right
	1061	5128' 6 3/4"	10191' 5 5/8"	207' 4"	990	upper left
	1062	5128' 9 3/4"	10190' 9 3/8"	194' 5 1/8"	990	upper left
	1063	5128' 9 3/4"	10190' 9 7/8"	181' 11 5/8"	990	upper right
	1064	5128' 7 3/8"	10191' 5 1/8"	169' 5 7/8"	990	upper left
	1065	5138' 1 1/2"	10164' 8 5/8"	169' 9"	990	upper left
	1066	5138' 1 1/2"	10164' 8 1/2"	181' 8 7/8"	990	upper left
	1067	5138' 2 3/8"	10164' 5 3/8"	194' 11 1/8"	990	upper right
	1068	5137' 11 1/8"	10165' 1 7/8"	207' 4 1/8"	990	upper right
	1069	5138' 4 3/4"	10163' 10 1/8"	218' 11 1/8"	990	upper right
	1070	5147' 8 3/8"	10137' 9"	219' 2 1/8"	990	upper left
	1071	5147' 4"	10138' 9 1/2"	206' 8 3/4"	990	lower left
	1072	5147' 7"	10138' 1 3/8"	195' 2"	990	upper right
	1073	5147' 6 1/4"	10138' 4 3/8"	182' 0 3/8"	990	lower left
	1074	5147' 6"	10138' 5 1/4"	169' 2 3/4"	990	upper right
	1075	5156' 9 3/4"	10112' 4 1/8"	169' 3 1/8"	990	lower left
	1076	5156' 9 1/2"	10112' 4"	181' 11 1/2"	990	upper left
	1077	5156' 11 3/4"	10111' 9 1/4"	194' 11"	990	upper right
	1078	5156' 6 1/2"	10112' 10 3/8"	206' 8 3/4"	990	lower left
	1079	5157' 2 1/8"	10111' 1 3/4"	219' 4 7/8"	990	upper right
	1080	5166' 4 1/4"	10085' 4 5/8"	219' 10 7/8"	990	upper right
	1081	5166' 1"	10086' 1 3/8"	206' 9"	990	lower right
	1082	5166' 4 3/4"	10085' 5"	194' 5 1/4"	990	upper right
	1083	5166' 3 5/8"	10085' 8"	182' 2 3/8"	990	upper left
	1084	5166' 2 3/8"	10086' 0"	169' 5 3/4"	990	upper left
	1085	5109' 11"	10243' 9 5/8"	181' 8 1/2"	990	upper right
	1086	5110' 0"	10243' 6 5/8"	194' 2 3/8"	990	upper right
	1087	5109' 11 1/4"	10243' 8 5/8"	206' 8 3/4"	990	lower left
	1088	5109' 11"	10243' 9 7/8"	218' 11 3/4"	990	lower left
	1089	5100' 9 1/8"	10269' 6 7/8"	218' 8"	990	upper left

Exterior Points

SOUTH FACE

2000= O/ROOF SOUTH SIDE

pt number	northing	easting	elevation	code	location on brick
2000	4966.9520	10329.7810	219.4530	990	upper right
2001	4966.9140	10329.7800	206.4440	990	upper right
2002	4966.9970	10329.4810	194.2390	990	upper left
2003	4966.6820	10330.4190	181.5060	990	upper left
2004	4966.9080	10329.7870	168.9820	990	upper left
2005	4972.9480	10312.8570	168.7660	990	upper left
2006	4972.9610	10312.8450	181.9620	990	upper left
2007	4973.0490	10312.5130	193.7040	990	upper left
2008	4982.1280	10287.0810	206.4530	990	upper right
2009	4982.1340	10287.0660	206.4000	990	upper right
2010	4972.8600	10313.1910	219.1750	990	upper left
2011	4972.9360	10312.8880	205.9140	990	upper left
2012	4982.3250	10286.5950	219.4160	990	upper left
2013	4982.3130	10286.5040	194.4170	990	upper left
2014	4982.2620	10286.7430	181.6810	990	upper right
2015	4982.3740	10286.4350	169.4690	990	upper right
2016	4991.8530	10259.8260	169.2300	990	upper left
2017	4991.6550	10260.3750	181.6910	990	upper right
2018	4991.7430	10260.0670	193.8880	990	upper right
2019	4991.6770	10260.3360	206.6940	990	lower left
2020	4991.8520	10259.8530	219.1540	990	upper right
2021	5001.2131	10233.5492	218.9565	990	lower right
2022	5001.1342	10233.7747	206.3991	990	upper left
2023	5001.0197	10234.0364	194.1465	990	upper left
2024	5001.1273	10233.7782	181.9516	990	upper right
2025	5001.1311	10233.7818	168.9803	990	upper right
2026	5010.5180	10207.4026	169.4700	990	upper right
2027	5010.5376	10207.3537	181.4411	990	upper left
2028	5010.5144	10207.3942	194.4150	990	upper right
2029	5010.7401	10206.8152	206.4059	990	upper right
2030	5010.5090	10207.4685	218.4013	990	upper right
2031	5019.5588	10181.8999	218.6639	990	upper left
2032	5019.9340	10180.9916	206.3936	990	upper left
2033	5019.7343	10181.6040	194.4436	990	upper left
2034	5019.8440	10181.3094	181.6890	990	upper left
2035	5020.0311	10180.7312	169.0182	990	lower right
2036	5029.0289	10155.3846	168.9629	990	lower right
2037	5029.1564	10155.0283	194.1094	990	upper left
2038	5028.9325	10155.5642	206.6789	990	lower right
2039	5029.0754	10155.0170	219.4506	990	lower right
2040	5038.4841	10128.5984	219.1508	990	upper left
2041	5038.7085	10128.0655	206.6902	990	lower right
2042	5038.6306	10128.3898	194.3952	990	upper right
2043	5038.7605	10128.0669	181.6706	990	upper right
2044	5038.4354	10128.9399	169.4064	990	upper left
2045	5047.9534	10102.2627	169.1943	990	upper left
2046	5047.9476	10102.2408	181.7060	990	upper left
2047	5047.8157	10102.5829	194.1469	990	upper left
2048	5047.9554	10102.1174	206.6979	990	lower left
2049	5047.9804	10101.9105	219.2668	990	lower left
2050	5057.3943	10075.5694	219.3903	990	upper left
2051	5057.3902	10075.6478	206.3890	990	upper right
2052	5057.3159	10075.9437	194.1675	990	upper right
2053	5057.5464	10075.3258	181.6654	990	upper right
2054	5057.4480	10075.6309	169.4498	990	upper right
2055	5066.6441	10049.8484	169.4590	990	upper left
2056	5066.8201	10049.2903	181.9199	990	upper right
2057	5066.8173	10049.2874	194.4399	990	upper right
2058	5066.7951	10049.2331	206.4225	990	upper left
2059	5066.5663	10049.8040	219.3990	990	upper left
2060	5066.6441	10049.8484	169.4590	990	upper left

Exterior Points

SOUTH FACE

2000= O/ROOF SOUTH SIDE

pt number	northing	easting	elevation	code	location on brick
2000	4966' 11 3/8"	10329' 9 3/8"	219' 5 3/8"	990	upper right
2001	4966' 11"	10329' 9 3/8"	206' 5 3/8"	990	upper right
2002	4966' 12"	10329' 5 3/4"	194' 2 7/8"	990	upper left
2003	4966' 8 1/8"	10330' 5"	181' 6 1/8"	990	upper left
2004	4966' 10 7/8"	10329' 9 1/2"	168' 11 3/4"	990	upper left
2005	4972' 11 3/8"	10312' 10 1/4"	168' 9 1/4"	990	upper left
2006	4972' 11 1/2"	10312' 10 1/8"	181' 11 1/2"	990	upper left
2007	4973' 0 5/8"	10312' 6 1/8"	193' 8 1/2"	990	upper left
2008	4982' 1 1/2"	10287' 1"	206' 5 3/8"	990	upper right
2009	4982' 1 5/8"	10287' 0 3/4"	206' 4 3/4"	990	upper right
2010	4972' 10 3/8"	10313' 2 1/4"	219' 2 1/8"	990	upper left
2011	4972' 11 1/4"	10312' 10 5/8"	205' 11"	990	upper left
2012	4982' 3 7/8"	10286' 7 1/8"	219' 5"	990	upper left
2013	4982' 3 3/4"	10286' 6"	194' 5"	990	upper left
2014	4982' 3 1/8"	10286' 8 7/8"	181' 8 1/8"	990	upper right
2015	4982' 4 1/2"	10286' 5 1/4"	169' 5 5/8"	990	upper right
2016	4991' 10 1/4"	10259' 9 7/8"	169' 2 3/4"	990	upper left
2017	4991' 7 7/8"	10260' 4 1/2"	181' 8 1/4"	990	upper right
2018	4991' 8 7/8"	10260' 0 3/4"	193' 10 5/8"	990	upper right
2019	4991' 8 1/8"	10260' 4"	206' 8 3/8"	990	lower left
2020	4991' 10 1/4"	10259' 10 1/4"	219' 1 7/8"	990	upper right
2021	5001' 2 1/2"	10233' 6 5/8"	218' 11 1/2"	990	lower right
2022	5001' 1 5/8"	10233' 9 1/4"	206' 4 3/4"	990	upper left
2023	5001' 0 1/4"	10234' 0 3/8"	194' 1 3/4"	990	upper left
2024	5001' 1 1/2"	10233' 9 3/8"	181' 11 3/8"	990	upper right
2025	5001' 1 5/8"	10233' 9 3/8"	168' 11 3/4"	990	upper right
2026	5010' 6 1/4"	10207' 4 7/8"	169' 5 5/8"	990	upper right
2027	5010' 6 1/2"	10207' 4 1/4"	181' 5 1/4"	990	upper left
2028	5010' 6 1/8"	10207' 4 3/4"	194' 5"	990	upper right
2029	5010' 8 7/8"	10206' 9 3/4"	206' 4 7/8"	990	upper right
2030	5010' 6 1/8"	10207' 5 5/8"	218' 4 7/8"	990	upper right
2031	5019' 6 3/4"	10181' 10 3/4"	218' 8"	990	upper left
2032	5019' 11 1/4"	10180' 11 7/8"	206' 4 3/4"	990	upper left
2033	5019' 8 3/4"	10181' 7 1/4"	194' 5 3/8"	990	upper left
2034	5019' 10 1/8"	10181' 3 3/4"	181' 8 1/4"	990	upper left
2035	5020' 0 3/8"	10180' 8 3/4"	169' 0 1/4"	990	lower right
2036	5029' 0 3/8"	10155' 4 5/8"	168' 11 1/2"	990	lower right
2037	5029' 1 7/8"	10155' 0 3/8"	194' 1 3/8"	990	upper left
2038	5028' 11 1/4"	10155' 6 3/4"	206' 8 1/8"	990	lower right
2039	5029' 0 7/8"	10155' 0 1/4"	219' 5 3/8"	990	lower right
2040	5038' 5 3/4"	10128' 7 1/8"	219' 1 3/4"	990	upper left
2041	5038' 8 1/2"	10128' 0 3/4"	206' 8 1/4"	990	lower right
2042	5038' 7 5/8"	10128' 4 5/8"	194' 4 3/4"	990	upper right
2043	5038' 9 1/8"	10128' 0 3/4"	181' 8"	990	upper right
2044	5038' 5 1/4"	10128' 11 1/4"	169' 4 7/8"	990	upper left
2045	5047' 11 1/2"	10102' 3 1/8"	169' 2 3/8"	990	upper left
2046	5047' 11 3/8"	10102' 2 7/8"	181' 8 1/2"	990	upper left
2047	5047' 9 3/4"	10102' 7"	194' 1 3/4"	990	upper left
2048	5047' 11 1/2"	10102' 1 3/8"	206' 8 3/8"	990	lower left
2049	5047' 11 3/4"	10101' 10 7/8"	219' 3 1/4"	990	lower left
2050	5057' 4 3/4"	10075' 6 7/8"	219' 4 5/8"	990	upper left
2051	5057' 4 5/8"	10075' 7 3/4"	206' 4 5/8"	990	upper right
2052	5057' 3 3/4"	10075' 11 3/8"	194' 2"	990	upper right
2053	5057' 6 1/2"	10075' 3 7/8"	181' 8"	990	upper right
2054	5057' 5 3/8"	10075' 7 5/8"	169' 5 3/8"	990	upper right
2055	5066' 7 3/4"	10049' 10 1/8"	169' 5 1/2"	990	upper left
2056	5066' 9 7/8"	10049' 3 1/2"	181' 11"	990	upper right
2057	5066' 9 3/4"	10049' 3 1/2"	194' 5 1/4"	990	upper right
2058	5066' 9 1/2"	10049' 2 3/4"	206' 5 1/8"	990	upper left
2059	5066' 6 3/4"	10049' 9 5/8"	219' 4 3/4"	990	upper left
2060	5066' 7 3/4"	10049' 10 1/8"	169' 5 1/2"	990	upper left

Exterior Points

EAST FACE

2100= 10/ROOF EAST SIDE

pt number	northing	easting	elevation	code	location on brick
2100	5063.9153	10367.1211	219.1762	990	upper right
2101	5063.6371	10366.9896	206.4276	990	upper left
2102	5063.6143	10367.0217	193.9290	990	upper left
2103	5063.6124	10367.0269	181.4259	990	upper left
2104	5063.5680	10367.0274	169.0078	990	upper left
2105	5054.4686	10363.7799	168.7540	990	upper right
2106	5054.1767	10363.6388	181.4212	990	upper right
2107	5054.1923	10363.6400	193.8907	990	upper right
2108	5054.7923	10363.8107	206.3944	990	upper right
2109	5054.8001	10363.8527	218.3872	990	upper right
2110	5029.6936	10354.9166	218.8875	990	upper left
2111	5029.7583	10354.9072	206.4030	990	upper left
2112	5029.4036	10354.8180	194.1626	990	upper left
2113	5029.7334	10354.9377	181.4440	990	upper left
2114	5029.9856	10355.0636	169.0621	990	lower right
2115	5005.5386	10346.3467	169.0555	990	lower right
2116	5005.2318	10346.1935	181.2757	990	lower right
2117	5005.2388	10346.2099	193.7348	990	lower right
2118	5005.2524	10346.1673	206.4041	990	upper left
2119	5005.5670	10346.3244	218.6687	990	upper left
2120	4977.3723	10336.2542	218.6558	990	upper left
2121	4977.6332	10336.3028	206.4034	990	upper right
2122	4976.6617	10336.0123	194.1858	990	upper right
2123	4976.6279	10335.9661	181.2028	990	upper right
2124	4977.3723	10336.2542	218.6558	990	upper left

Exterior Points

EAST FACE

2100= 10/ROOF EAST SIDE

pt number	northing	easting	elevation	code	location on brick
2100	5063' 11"	10367' 1 1/2"	219' 2 1/8"	990	upper right
2101	5063' 7 5/8"	10366' 11 7/8"	206' 5 1/8"	990	upper left
2102	5063' 7 3/8"	10367' 0 1/4"	193' 11 1/8"	990	upper left
2103	5063' 7 3/8"	10367' 0 3/8"	181' 5 1/8"	990	upper left
2104	5063' 6 7/8"	10367' 0 3/8"	169' 0 1/8"	990	upper left
2105	5054' 5 5/8"	10363' 9 3/8"	168' 9"	990	upper right
2106	5054' 2 1/8"	10363' 7 5/8"	181' 5"	990	upper right
2107	5054' 2 1/4"	10363' 7 5/8"	193' 10 3/4"	990	upper right
2108	5054' 9 1/2"	10363' 9 3/4"	206' 4 3/4"	990	upper right
2109	5054' 9 5/8"	10363' 10 1/4"	218' 4 5/8"	990	upper right
2110	5029' 8 3/8"	10354' 11"	218' 10 5/8"	990	upper left
2111	5029' 9 1/8"	10354' 10 7/8"	206' 4 7/8"	990	upper left
2112	5029' 4 7/8"	10354' 9 7/8"	194' 2"	990	upper left
2113	5029' 8 3/4"	10354' 11 1/4"	181' 5 3/8"	990	upper left
2114	5029' 11 7/8"	10355' 0 3/4"	169' 0 3/4"	990	lower right
2115	5005' 6 1/2"	10346' 4 1/8"	169' 0 5/8"	990	lower right
2116	5005' 2 3/4"	10346' 2 3/8"	181' 3 1/4"	990	lower right
2117	5005' 2 7/8"	10346' 2 1/2"	193' 8 7/8"	990	lower right
2118	5005' 3"	10346' 2"	206' 4 7/8"	990	upper left
2119	5005' 6 3/4"	10346' 3 7/8"	218' 8"	990	upper left
2120	4977' 4 1/2"	10336' 3"	218' 7 7/8"	990	upper left
2121	4977' 7 5/8"	10336' 3 5/8"	206' 4 7/8"	990	upper right
2122	4976' 8"	10336' 0 1/8"	194' 2 1/4"	990	upper right
2123	4976' 7 1/2"	10335' 11 5/8"	181' 2 3/8"	990	upper right
2124	4977' 4 1/2"	10336' 3"	218' 7 7/8"	990	upper left

Exterior Points

WEST FACE

1000= 10/ROOF WEST SIDE

pt number	northing	easting	elevation	code	location on brick
1000	5165.2013	10082.7937	219.3920	990	upper left
1001	5165.1835	10082.7982	206.7467	990	lower left
1002	5165.1621	10082.8072	194.4338	990	upper left
1003	5165.1780	10082.8291	181.9364	990	upper left
1004	5155.4627	10079.4169	181.9146	990	upper left
1005	5155.1431	10079.2969	194.1452	990	upper left
1006	5155.5134	10079.4179	207.3068	990	upper left
1007	5155.3954	10079.3840	219.3475	990	upper left
1008	5130.9240	10070.6753	219.3895	990	upper left
1009	5131.1775	10070.7800	207.2681	990	upper right
1010	5130.9325	10070.7097	194.4479	990	upper left
1011	5131.5024	10070.9010	181.9064	990	upper right
1012	5131.5703	10070.8684	169.3977	990	upper right
1013	5106.5512	10061.9537	169.4341	990	upper left
1014	5106.2052	10061.8766	181.9103	990	upper left
1015	5106.1817	10061.9076	194.4267	990	upper left
1016	5106.5583	10062.0384	207.3193	990	upper left
1017	5106.7288	10062.0877	219.6870	990	upper right
1018	5081.9304	10053.2693	219.6577	990	lower left
1019	5081.9200	10053.2664	207.2670	990	upper right
1020	5081.9590	10053.2764	194.4143	990	upper left
1021	5081.9667	10053.2447	181.8944	990	upper left

Exterior Points

WEST FACE

1000= 10/ROOF WEST SIDE

pt number	northing	easting	elevation	code	location on brick
1000	5165' 2 3/8"	10082' 9 1/2"	219' 4 3/4"	990	upper left
1001	5165' 2 1/4"	10082' 9 5/8"	206' 9"	990	lower left
1002	5165' 2"	10082' 9 5/8"	194' 5 1/4"	990	upper left
1003	5165' 2 1/8"	10082' 10"	181' 11 1/4"	990	upper left
1004	5155' 5 1/2"	10079' 5"	181' 11"	990	upper left
1005	5155' 1 3/4"	10079' 3 5/8"	194' 1 3/4"	990	upper left
1006	5155' 6 1/8"	10079' 5"	207' 3 5/8"	990	upper left
1007	5155' 4 3/4"	10079' 4 5/8"	219' 4 1/8"	990	upper left
1008	5130' 11 1/8"	10070' 8 1/8"	219' 4 5/8"	990	upper left
1009	5131' 2 1/8"	10070' 9 3/8"	207' 3 1/4"	990	upper right
1010	5130' 11 1/4"	10070' 8 1/2"	194' 5 3/8"	990	upper left
1011	5131' 6"	10070' 10 3/4"	181' 10 7/8"	990	upper right
1012	5131' 6 7/8"	10070' 10 3/8"	169' 4 3/4"	990	upper right
1013	5106' 6 5/8"	10061' 11 1/2"	169' 5 1/4"	990	upper left
1014	5106' 2 1/2"	10061' 10 1/2"	181' 10 7/8"	990	upper left
1015	5106' 2 1/8"	10061' 10 7/8"	194' 5 1/8"	990	upper left
1016	5106' 6 3/4"	10062' 0 1/2"	207' 3 7/8"	990	upper left
1017	5106' 8 3/4"	10062' 1"	219' 8 1/4"	990	upper right
1018	5081' 11 1/8"	10053' 3 1/4"	219' 7 7/8"	990	lower left
1019	5081' 11"	10053' 3 1/4"	207' 3 1/4"	990	upper right
1020	5081' 11 1/2"	10053' 3 3/8"	194' 5"	990	upper left
1021	5081' 11 5/8"	10053' 2 7/8"	181' 10 3/4"	990	upper left